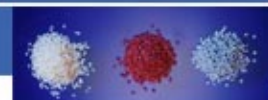




technical data: Nylaforce A50



PROPERTY	STANDARD	UNIT	VALUE
Density	DIN 53479	g/cm ³	1,56
Tensile strength, dry 23 °C	ISO 527	MPa	220
Tensile strength 23 °C conditioned	ISO 527	MPa	216
Tensile strength 80 °C	ISO 527	MPa	140
Tensile strength 120 °C	ISO 527	MPa	125
Elongation at break, dry 23 °C	ISO 527	%	2
Elongation at break, conditioned 23 °C	ISO 527	%	2
Tensile Modulus, dry 23 °C	ISO 527	MPa	18000
Tensile Modulus, conditioned 23 °C	ISO 527	MPa	17400
Tensile Modulus 80 °C	ISO 527	MPa	12300
Tensile Modulus 120 °C	ISO 527	MPa	7900
Charpy impact strength, dry	ISO 179 1/eU	kJ/m ²	87
Melting temperature	DIN 53736	°C	255
Heat distorsion temperature	ISO 75	°C	250
Shrinkage	.I.	%	0,1-0,5

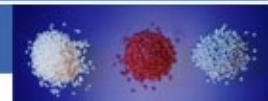
These values given were obtained under standard test conditions (specimens dry as moulded).

The indicated values are guidelines and are about application possibilities to inform.

The suitability for concrete application purposes will not be assured, it must be examined for each individual case. We also refer to our terms of sale and supply.



technical data: Nylaforce A60



PROPERTY	STANDARD	UNIT	VALUE
Density	DIN 53479	g/cm ³	1,65
Tensile strength, dry 23 °C	ISO 527	MPa	245
Tensile strength 23 °C conditioned	ISO 527	MPa	235
Tensile strength 80 °C	ISO 527	MPa	150
Tensile strength 120 °C	ISO 527	MPa	130
Elongation at break, dry 23 °C	ISO 527	%	2
Elongation at break, conditioned 23°C	ISO 527	%	2
Tensile Modulus, dry 23 °C	ISO 527	MPa	22400
Tensile Modulus, conditioned 23 °C	ISO 527	MPa	21000
Tensile Modulus 80 °C	ISO 527	MPa	15000
Tensile Modulus 120 °C	ISO 527	MPa	8900
Charpy impact strength, dry	ISO 179 1/eU	kJ/m ²	80
Melting temperature	DIN 53736	°C	255
Heat distortion temperature	ISO 75	°C	250
Shrinkage	./.	%	0,1-0,5

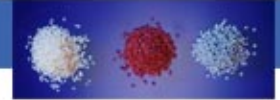
These values given were obtained under standard test conditions (specimens dry as moulded).

The indicated values are guidelines and are about application possibilities to inform.

The suitability for concrete application purposes will not be assured, it must be examined for each individual case. We also refer to our terms of sale and supply.



technical data: Nylaforce B50



PROPERTY	STANDARD	UNIT	VALUE
Density	DIN 53479	g/cm ³	1,56
Tensile strength, dry 23 °C	ISO 527	MPa	220
Tensile strength 23 °C conditioned	ISO 527	MPa	198
Tensile strength 80 °C	ISO 527	MPa	100
Tensile strength 120 °C	ISO 527	MPa	n.g.
Elongation at break, dry 23 °C	ISO 527	%	2,2
Elongation at break, conditioned 23 °C	ISO 527	%	2,3
Tensile Modulus, dry 23 °C	ISO 527	MPa	17100
Tensile Modulus, conditioned 23 °C	ISO 527	MPa	15500
Tensile Modulus 80 °C	ISO 527	MPa	6200
Tensile Modulus 120 °C	ISO 527	MPa	n.g.
Charpy impact strength, dry	ISO 179 1/eU	kJ/m ²	90
Melting temperature	DIN 53736	°C	218
Heat distortion temperature	ISO 75	°C	>200
Shrinkage	.I.	%	0,1-0,5

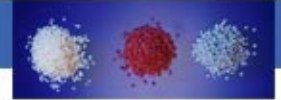
These values given were obtained under standard test conditions (specimens dry as moulded).

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technical data: Nylaforce B 60



PROPERTY	STANDARD	UNIT	VALUE
Density	DIN 53479	g/cm ³	1,64
Tensile strength, dry 23 °C	ISO 527	MPa	225
Tensile strength, conditionedt 23 °C	ISO 527	MPa	215
Tensile strength 80 °C	ISO 527	MPa	110
Tensile strength 120 °C	ISO 527	MPa	n.g.
Elongation at break, dry 23 °C	ISO 527	%	2
Elongation at break, conditioned, 23 °C	ISO 527	%	2,1
Tensile Modulus, 23 °C	ISO 527	MPa	21800
Tensile Modulus, conditioned 23 °C	ISO 527	MPa	20500
Tensile Modulus 80 °C	ISO 527	MPa	9800
Tensile Modulus 120 °C	ISO 527	MPa	n.g.
Charpy impact strength, dry	ISO 179 1/eU	kJ/m ²	82
Melting temperature	DIN 53736	°C	218
Heat distorsion temperature	ISO 75	°C	>200
Shrinkage	.I.	%	0,1-0,4

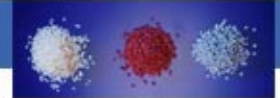
These values given were obtained under standard test conditions (specimes dry as moulded).

The indicated values are guidelines and are about application possibilities to inform.

The suitability for concrete application purposes will not be assured, it must be examined for each individual case. We also refer to our terms of sale and supply.



technical data: Nylaforce B 70



PROPERTY	STANDARD	UNIT	VALUE
Density	DIN 53479	g/cm ³	1,73
Tensile strength, dry 23 °C	ISO 527	MPa	230
Tensile strength, conditionedt 23 °C	ISO 527	MPa	225
Tensile strength 80 °C	ISO 527	MPa	125
Tensile strength 120 °C	ISO 527	MPa	n.g.
Elongation at break, dry 23 °C	ISO 527	%	1,8
Elongation at break, conditioned, 23 °C	ISO 527	%	1,8
Tensile Modulus, 23 °C	ISO 527	MPa	25000
Tensile Modulus, conditioned 23 °C	ISO 527	MPa	23900
Tensile Modulus 80 °C	ISO 527	MPa	12100
Tensile Modulus 120 °C	ISO 527	MPa	n.g.
Charpy impact strength, dry	ISO 179 1/eU	kJ/m ²	64
Melting temperature	DIN 53736	°C	218
Heat distorsion temperature	ISO 75	°C	>200
Shrinkage	.I.	%	0,1-0,3

These values given were obtained under standard test conditions (specimes dry as moulded).

The indicated values are guidelines and are about application possibilities to inform.

The suitability for concrete application purposes will not be assured, it must be examined for each individual case. We also refer to our terms of sale and supply.