

EMS-Grivory Grivory® BRZ 234/1 W PA6

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Grilon BRZ 234/1 W is a modified polyamide 6, suitable for tube extrusion. Grilon BRZ 234/1 W is heat stabilized, shows a high flexibility and high impact strength. It is especially developed for the direct contact with automotive fuels. Information provided by EMS Grivory

Order this product through the following link:

http://www.lookpolymers.com/polymer_EMS-Grivory-Grivory-BRZ-2341-W-PA6.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	35.0 MPa	5080 psi	conditioned; ISO 527-1/-2
	40.0 MPa	5800 psi	dry; ISO 527-1/-2
Elongation at Break	>= 50 %	>= 50 %	dry; ISO 527-1/-2
	>= 50 %	>= 50 %	conditioned; ISO 527-1/-2
Tensile Modulus	0.380 GPa	55.1 ksi	conditioned; ISO 527-1/-2
	0.800 GPa	116 ksi	dry; ISO 527-1/-2
Charpy Impact Unnotched	NB	NB	dry; ISO 179/1eU
	NB	NB	conditioned; ISO 179/1eU
	NB	NB	dry; ISO 179/1eU
	@Temperature 30.0 °C	@Temperature 86.0 °F	
Charpy Impact, Notched	NB	NB	dry; ISO 179/1eA
	NB	NB	conditioned; ISO 179/1eA
	0.500 J/cm ²	2.38 ft-lb/in ²	dry; ISO 179/1eU
	@Temperature 30.0 °C	@Temperature 86.0 °F	
	0.800 J/cm ²	3.81 ft-lb/in ²	conditioned; ISO 179/1eU
	@Temperature 30.0 °C	@Temperature 86.0 °F	

Thermal Properties	Metric	English	Comments
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Thermal Properties	Metric	English	Comments
Descriptive Properties	Value		Comments
Additives	Plasticizer		
Automotive	Air intake sytems		
	Cooling and climate control		
Electricals & Electronics	Cables & Tubes		
Form	Granules		
Industry & Consumer goods	Hydraulics & Pneumatics		
	Mechanical Engineering		
	Power transmission		
Processing	Other Extrusion		
Product Attributes	Flexible		
Special Characteristics	High impact or impact modified		

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China