

Grilon® BRZ 234/1 W

Polyamide 6
EMS-GRIVORY

Message:

Grilon® BRZ 234/1 W is a Polyamide 6 (Nylon 6) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for extrusion.

Important attributes of Grilon® BRZ 234/1 W are:

RoHS Compliant

Plasticized

Good Flexibility

Impact Modified

Medium Viscosity

Typical applications include:

Automotive

Consumer Goods

Electrical/Electronic Applications

Engineering/Industrial Parts

Hose/Tubing

General Information				
Additive		Impact Modifier		
		Plasticizer		
Features		Good Flexibility		
		Impact Modified		
		Medium Viscosity		
		Plasticized		
Uses		Automotive Applications		
		Consumer Applications		
		Electrical/Electronic Applications		
		Engineering Parts		
		Hydraulic Applications		
		Industrial Applications		
		Pneumatic Applications		
		Tubing		
		Wire & Cable Applications		
RoHS Compliance		RoHS Compliant		
Forms		Granules		
Processing Method		Extrusion		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.12	--	g/cm ³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method

Tensile Modulus	800	380	MPa	ISO 527-2
Tensile Stress (Break)	40.0	35.0	MPa	ISO 527-2
Tensile Strain (Break)	> 50	> 50	%	ISO 527-2
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	5.0	8.0	kJ/m ²	
23°C	No Break	No Break		
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	No Break	No Break		
23°C	No Break	No Break		
Thermal	Dry	Conditioned	Unit	Test Method
Melting Temperature ¹	215	--	°C	ISO 11357-3
NOTE				
1.	10°C/min			

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Recommended distributors for this material

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