

Arkema Group Rilsan® AZM 23 T6LD Nylon 12, 23% Glass Fiber Filled (Dry)

Category : Polymer , Thermoplastic , Nylon , Nylon 12 , Nylon 12, 20% Glass Fiber Filled

Material Notes:

Designation ISO 1874-PA12,MHLR,16-050,GF23Rigid grade with glass fiber filler (23%) for injection molding. Available colors: black and natural. Reinforced light and heat stabilizing agent. Mold-release agent.Rigidity. High compressive strength. Very low shrinkage: include 0,5% on average for the design of the mold. Low coefficient of linear expansion. High dimensional stability.Example applications: Rigid mechanical parts.ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Rilsan-AZM-23-T6LD-Nylon-12-23-Glass-Fiber-Filled-Dry.php

Physical Properties	Metric	English	Comments
Melt Flow	3.2 g/10 min	3.2 g/10 min	
	@Load 2.16 kg, Temperature 235 °C	@Load 4.76 lb, Temperature 455 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	85.0 MPa	12300 psi	5 mm/min
Elongation at Break	6.0 %	6.0 %	5 mm/min
Tensile Modulus	5.48 GPa	795 ksi	1 mm/min

Electrical Properties	Metric	English	Comments
Dissipation Factor	0.000357	0.000357	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
	0.000522	0.000522	
	@Frequency 100 Hz	@Frequency 100 Hz	

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