

Arkema Group Rilsan® ARVO 950 TLD Nylon 12, Rotomolding Grade (Dry)

Category : Polymer , Thermoplastic , Nylon , Nylon 12

Material Notes:

Designation ISO 1874-PA12,RHLR,16-010Grade for rotomolding. Available color: natural. Light and heat stabilized. Mold-release agent.Easy to be processed in the same conditions as polyethylene. High thermal and chemical resistance. Outstanding mechanical properties. Low permeability to gas and hydrocarbon.Example applications: Oil tank, hydraulic fluid tank.ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Rilsan-ARVO-950-TLD-Nylon-12-Rotomolding-Grade-Dry.php

Physical Properties	Metric	English	Comments
Density	1.01 g/cc	0.0365 lb/in ³	
Water Absorption	1.6 %	1.6 %	
Moisture Absorption at Equilibrium	0.70 %	0.70 %	Humidity Absorption

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	42.0 MPa	6090 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal Strain; 50 mm/min
Elongation at Yield	9.0 %	9.0 %	50 mm/min
Tensile Modulus	1.24 GPa	180 ksi	1 mm/min
Charpy Impact Unnotched	NB	NB	
	NB	NB	Low Temp
Charpy Impact, Notched	0.440 J/cm ²	2.09 ft-lb/in ²	
	0.450 J/cm ²	2.14 ft-lb/in ²	
	@Temperature -30.0 °C	@Temperature -22.0 °F	

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