

REVOLVE® ARVO 950 TLD

Polyamide 12

Matrix Polymers

Message:

Revolve ARVO 950 TLD is a rotational moulding polyamide 12 (Nylon) designed to meet demanding requirements such as chemical resistance and low permeation to hydrocarbons (e.g. petrol). The grade exhibits high stiffness, good impact strength, low moisture absorption high temperature resistance and good mouldability.

General Information			
Features	Good Chemical Resistance		
	Good Impact Resistance		
	Good Moldability		
	High Hardness		
	High Heat Resistance		
	High Stiffness		
	Low Moisture Absorption		
Appearance	Natural Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	31.0	MPa	ISO 527-2/50
Flexural Modulus ¹	1250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
ARM Impact (23°C, 3.00 mm)	85.0	J	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	80.0	°C	ISO 75-2/B
NOTE			
1.	1.3 mm/min		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

