

Devlon Nylon 12

Polyamide 12
Devol® Engineering Polymers

Message:

Devlon Nylon 12 is a Polyamide 12 (Nylon 12) material. It is available in Europe. Primary attribute of Devlon Nylon 12: Flame Rated.

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	g/cm ³	ASTM D792
Water Absorption			ASTM D570
24 hr	1.0	%	
Saturation	1.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1800	MPa	ASTM D638
Tensile Strength (23°C)	52.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield, 23°C	13	%	
Break	240	%	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	140	°C	
1.8 MPa, Unannealed	50.0	°C	
Melting Temperature	175	°C	ASTM D3418
CLTE - Flow (30 to 100°C)	1.0E-4	cm/cm/°C	ASTM E831
Service Temperature			ASTM D570
-- ¹	80	°C	
Short Term	140	°C	
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	33	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-2		UL 94
NOTE			
1.	Long Term		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

