

Devlon Acetal Homopolymer

Acetal (POM) Homopolymer
Devol® Engineering Polymers

Message:

Devlon Acetal Homopolymer is an Acetal (POM) Homopolymer material. It is available in Europe.
Important attributes of Devlon Acetal Homopolymer are:
Flame Rated
Homopolymer

General Information			
Features	Homopolymer		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.25	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	122		ASTM D785
Durometer Hardness (Shore D)	86		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2840	MPa	ASTM D638
Tensile Strength (23°C)	70.3	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	30	%	ASTM D638
Flexural Strength	94.1	MPa	ASTM D790
Compressive Strength	110	MPa	ASTM D695
Deformation Under Load (23°C, 14 MPa)	0.500	%	ASTM D621
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	170	°C	
1.8 MPa, Unannealed	125	°C	
Melting Temperature	175	°C	ASTM D3418
CLTE - Flow (30 to 100°C)	1.2E-4	cm/cm/°C	ASTM E831
Service Temperature			ASTM D570
-- 1	105	°C	
Short Term	145	°C	
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	20	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		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

