

Devlon PEEK

Polyetheretherketone

Devol® Engineering Polymers

Message:

Devlon PEEK is a Polyetheretherketone (PEEK) material. It is available in Europe. Primary attribute of Devlon PEEK: Flame Rated.

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.49	g/cm³	ASTM D792
Water Absorption			ASTM D570
24 hr	0.20	%	
Saturation	0.50	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	88		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3900	MPa	ASTM D638
Tensile Strength (23°C)	97.0	MPa	ASTM D638
Tensile Elongation (Break)	25	%	ASTM D638
Flexural Strength	170	MPa	ASTM D790
Compressive Strength	118	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (-40°C)	7.00	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	343	°C	ASTM D3418
CLTE - Flow (30 to 100°C)	4.7E-5	cm/cm/°C	ASTM E831
Service Temperature			ASTM D570
-- 1	260	°C	
Short Term	300	°C	
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	20	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		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

