

Deltron 4340

Polyphenylene Sulfide

Shanghai Lin Gen Rubber Materials Co., Ltd.

Message:

Deltron 4340 is a polyphenylene sulfide (PPS) material. This product is available in the Asia-Pacific region and is processed by injection molding. The main features of the Deltron 4340 are:
flame retardant/rated flame
Impact resistance

General Information		
Features	Impact resistance, high	
Processing Method	Injection molding	
Physical	Nominal Value	Unit
Specific Gravity	1.60	g/cm ³
Molding Shrinkage - Flow	0.30 - 0.80	%
Water Absorption (Equilibrium)	0.020	%
Hardness	Nominal Value	Unit
Rockwell Hardness (R-Scale)	98	
Mechanical	Nominal Value	Unit
Tensile Strength	128	MPa
Tensile Elongation (Break)	5.5	%
Flexural Modulus	11000	MPa
Flexural Strength	186	MPa
Compressive Strength	148	MPa
Impact	Nominal Value	Unit
Notched Izod Impact	24.0	kJ/m ²
Thermal	Nominal Value	Unit
Deflection Temperature Under Load (1.8 MPa, Unannealed)	260	°C
Melting Temperature	280	°C
CLTE - Flow	1.9E-5	cm/cm/°C
Electrical	Nominal Value	Unit
Surface Resistivity	2.0E+14	ohms
Volume Resistivity	4.0E+16	ohms · cm
Dielectric Strength	15	kV/mm
Dielectric Constant (1 MHz)	3.00	
Flammability	Nominal Value	Unit
Flame Rating (2.0 mm)	V-1	
Injection	Nominal Value	Unit
Drying Temperature	120 - 140	°C
Drying Time	4.0 - 8.0	hr

Rear Temperature	240 - 260	°C
Middle Temperature	290 - 310	°C
Front Temperature	300 - 330	°C
Mold Temperature	100 - 140	°C
Injection Rate	Moderate	
Back Pressure	60.0 - 80.0	MPa

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

