

DURACON® FP15X

Acetal (POM) Copolymer

Polyplastics Co., Ltd.

Message:

DURACON® FP15X is an Acetal (POM) Copolymer product. It can be processed by extrusion and is available in Asia Pacific, Europe, or North America. Primary characteristic: flame rated.

General Information			
UL YellowCard	E45034-456813		
UL File Number	E45034		
Forms	Pellets		
Processing Method	Extrusion		
Part Marking Code (ISO 11469)	>POM<		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.7	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	1.40	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2200	MPa	ISO 527-2
Tensile Stress	56.0	MPa	ISO 527-2
Nominal Tensile Strain at Break	50	%	ISO 527-2
Flexural Modulus	2020	MPa	ISO 178
Flexural Stress	73.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	9.9	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Additional Information	Nominal Value		
Color Number	CF2001		

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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

