

Keplex® 3300VS

Polybutylene Terephthalate

Korea Engineering Plastics Co., Ltd

Message:

Keplex® 3300VS is a Polybutylene Terephthalate (PBT) material. It is available in Asia Pacific, Europe, or North America.

Important attributes of Keplex® 3300VS are:

Flame Rated

Flame Retardant

Good Toughness

Typical applications include:

Electrical/Electronic Applications

Automotive

General Information			
UL YellowCard	E120354-305620		
Features	Flame Retardant		
	Good Toughness		
Uses	Automotive Applications		
	Electrical Parts		
	Electrical/Electronic Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	30	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	114		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	49.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	45	%	ASTM D638
Flexural Modulus (23°C)	2450	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	83.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	150	°C	
1.8 MPa, Unannealed	50.0	°C	
Melting Temperature	222	°C	DSC
Flammability	Nominal Value	Test Method	
Flame Rating (0.800 mm)	V-0	UL 94	

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Recommended distributors for this material

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