

KOPET® KP132G30V0BL

Polyethylene Terephthalate

Kolon Plastics, Inc.

Message:

KOPET® KP132G30V0BL is a Polyethylene Terephthalate (PET) product filled with glass fiber. It is available in Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

Flame Rated

Flame Retardant

Good Dimensional Stability

General Information	
UL YellowCard	E190675-100642741
Filler / Reinforcement	Glass Fiber
Additive	Flame Retardant
Features	Flame Retardant Good Dimensional Stability

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.66	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	25	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20 to 0.60	%	ASTM D955
Water Absorption (Equilibrium, 23°C, 60% RH)	0.050	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	118	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	4.6	%	ASTM D638
Flexural Modulus (23°C)	8630	MPa	ASTM D790
Flexural Strength (23°C)	177	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	54	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648A
0.45 MPa, Unannealed	245	°C	
1.8 MPa, Unannealed	220	°C	
Peak Melting Temperature	255	°C	ASTM D3418
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94

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