

KOPLA PP KPE1010

Polypropylene

KOPLA Co., Ltd.

Message:

KOPLA PP KPE1010 is a Polypropylene material. It is available in Asia Pacific.

Important attributes of KOPLA PP KPE1010 are:

Flame Rated

Impact Resistant

Typical application of KOPLA PP KPE1010: Automotive

General Information			
Features	High Impact Resistance		
Uses	Automotive Bumper		
	Automotive Exterior Trim		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.910	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.0 to 1.3	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	21.6	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	> 200	%	ASTM D638
Flexural Modulus (23°C)	981	MPa	ASTM D790
Flexural Strength (23°C)	24.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	590	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	65.0	°C	
Melting Temperature	163	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

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