

Spartech Polycom PE2A-005

High Density (HMW) Polyethylene

Spartech Polycom

Message:

High Impact Polypropylene compound offers an increased level of impact over homopolymer polypropylene while providing good stiffness and strength properties. This product is well suited for both injection molding and extrusion processes. A spartech Polycom representative can provide further information on these and other Spartech Polycom products.

General Information			
Features	Rigid, good Impact resistance, high		
Uses	Application in Automobile Field		
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.918	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	1.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	22.8	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	7.0	%	ASTM D638
Fracture	15	%	ASTM D638
Flexural Modulus	1170	MPa	ASTM D790
Flexural Strength	44.1	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	76.7	°C	ASTM D648

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Recommended distributors for this material

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