

Spartech Polycom EP5240

Polypropylene Homopolymer
Spartech Polycom

Message:

Spartech Polycom EP5240 is a polypropylene homopolymer (PP Homopoly) product, which contains 40% calcium carbonate filler. It can be processed by blow molding, extrusion, thermoforming or profile extrusion molding, and is available in North America. The application fields of Spartech Polycom EP5240 include engineering/industrial accessories, automobile industry and containers.

Features include:

- Homopolymer
- Good stiffness
- Impact resistance

General Information			
Filler / Reinforcement	Calcium carbonate filler, 40% filler by weight		
Features	Rigid, good		
	Homopolymer		
	Impact resistance, good		
Uses	Components		
	Food container		
Forms	Particle		
Processing Method	Blow molding		
	Extrusion		
	Thermoforming		
	Profile extrusion molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.1	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.8	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	5.0	%	ASTM D638
Fracture	70	%	ASTM D638
Flexural Modulus			ASTM D790
Secant	1860	MPa	ASTM D790
Tangent	2410	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	59	J/m	ASTM D256
Dart Drop Impact			ASTM D5420
-6°C	4.07	J	ASTM D5420

23°C	27.1	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	116	°C	ASTM D648
1.8 MPa, not annealed	60.0	°C	ASTM D648
Optical	Nominal Value	Test Method	
Gardner Gloss (60°)	55	ASTM D523	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT