

CALP 5600B-2

High Density Polyethylene

Lion Idemitsu Composites Co., Ltd.

Message:

CALP 5600B-2 is a High Density Polyethylene product filled with calcium carbonate. It can be processed by blow molding and is available in Asia Pacific.

General Information			
Filler / Reinforcement	Calcium Carbonate		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	0.40	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	63		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	24.0	MPa	ASTM D638
Tensile Elongation (Break)	15	%	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Flexural Strength	28.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	40.0	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	91.0	°C	ASTM D648

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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



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