

ICORENE® 2010

Low Density Polyethylene

ICO Polymers APAC, A Division of A. Schulman

Message:

ICORENE™ 2010 is a low density polyethylene resin that is suitable for both carpet backing and binding of fibre and non-wovens. The high melt flow of this grade results in improved flow and ease of processing.

ICORENE™ 2010 is available as a natural powder in a range of grind specifications to suit the application.

General Information			
Features	Good Processability		
	High Flow		
Uses	Carpet Backing		
	Fibers		
	Nonwovens		
Appearance	Natural Color		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	63	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal, F50)	0.300	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	42		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	8.00	MPa	ASTM D638
Tensile Elongation ² (Break)	320	%	ASTM D638
Flexural Modulus	168	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	47.0	°C	
1.8 MPa, Unannealed	39.0	°C	
NOTE			
1.	50 mm/min		
2.	50 mm/min		

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.

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

