

Orevac® IM300

Low Density Polyethylene

Arkema

Message:

OREVAC® IM300 is a maleic anhydride modified linear low-density polyethylene available in pellet form.

Applications

OREVAC® IM300 has been designed to be used as a high impact modifier for a large range of engineering polymers such as polyamides (PA6, PA66, PA12 etc.). Due to its properties (softness, reactivity), OREVAC® IM300 is especially suitable when a compound with excellent processability, especially in injection, is required.

General Information			
Features	Good Processability		
Uses	Plastics Modification		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.870	g/cm ³	ISO 1183, ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.2	g/10 min	ASTM D1238, ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A, 1 sec, Compression Molded	78		
Shore A, 15 sec, Compression Molded	68		
Shore D, 1 sec, Compression Molded	26		
Shore D, 15 sec, Compression Molded	17		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, Compression Molded)	> 6.00	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break, Compression Molded)	> 800	%	ASTM D638, ISO 527-2
Flexural Modulus (Compression Molded)	< 20.0	MPa	ASTM D790, ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	32.0	°C	ISO 306/A, ASTM D1525 ¹
Melting Temperature	112	°C	ISO 11357-3
NOTE			
1.	Loading 1 (10 N)		

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

