

Quadrant EPP LDPE

Low Density Polyethylene
Quadrant Engineering Plastic Products

Message:

Quadrant EPP LDPE is a low density polyethylene product. It is available in North America. Typical application areas are: food contact applications. The main characteristics are: flame retardant/rated flame.

General Information			
Features	Machinable		
Agency Ratings	FDA not rated		
Appearance	Natural color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm ³	ASTM D792
Water Absorption			ASTM D570
24 hr	< 0.010	%	ASTM D570
Saturation	< 0.010	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	45		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	393	MPa	ASTM D638
Tensile Strength (Ultimate)	11.7	MPa	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Flexural Modulus	200	MPa	ASTM D790
Flexural Strength (Yield)	10.3	MPa	ASTM D790
Compressive Modulus	393	MPa	ASTM D695
Compressive Strength (10% Strain,23°C)	9.65	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Maximum Use Temperature - Long Term, Air	71	°C	
Peak Crystallization Temperature (DSC)	110	°C	ASTM D3418
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+15	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.18 mm, Estimated Rating)	HB		UL 94

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

