

Microthene® G MN71020

Low Density Polyethylene

LyondellBasell Industries

Message:

Microthene G polyolefin powders are ground, irregularly-shaped particles designed for use in a broad range of specialty applications. Microthene G powders combine the unique properties of a polyolefin resin with a small, ground, particle size.

General Information			
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	0.915	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	22	g/10 min	ASTM D1238
Average Particle Size	50	mesh	
Particle Shape	Irregular		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness	ASTM D2240		
Shore D	49		
Shore D, 15 sec	43		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	9.30	MPa	ASTM D638
Tensile Elongation (Break)	610	%	ASTM D638
Flexural Modulus	228	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-34.6	°C	ASTM D746
Vicat Softening Temperature	81.0	°C	ASTM D1525
Peak Melting Temperature	103	°C	ASTM D3418

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