

Technical Data Sheet

Microthene GR54200

Ethylene Vinyl Acetate

Product Description

GR54200 polyolefin powders are ground, irregularly-shape particles for use in a broad range of specialty applications. GR54200 powders combine the unique properties of a polyolefin resin with a small ground particle size.

Attribute Copolymer

Forms Powder

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	8.0	g/10 min	ASTM D1238
Density	0.926	g/cm ³	ASTM D1505
Mechanical			
Tensile Strength at Break	11.7	MPa	ASTM D638
Flexural Modulus	93.1	MPa	ASTM D790
Tensile Elongation at Break	680	%	ASTM D638
Impact			
Ductile/Brittle Transition Temperature	-76	°C	ASTM D746
Hardness			
Durometer Hardness, (Shore D)	38		ASTM D2240
Thermal			
Vicat Softening Temperature	75	°C	ASTM D1525
Peak Melting Temperature	96	°C	ASTM D3418
Additional Information			
Particle Shape	Irregular		
Average Particle Size			
Maximum Moisture Content	0.1	%	ETM 156