

# Microthene GR54200

LyondellBasell Industries - Ethylene Vinyl Acetate Copolymer

## General Information

### 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.

### General

- |          |             |
|----------|-------------|
| Features | • Copolymer |
| Forms    | • Powder    |

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	0.926	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Average Particle Size	4.5	mil	
Particle Shape	Irregular		Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	1700	psi	ASTM D638
Tensile Elongation (Break)	680	%	ASTM D638
Flexural Modulus	13500	psi	ASTM D790
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	38		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-105	°F	ASTM D746
Vicat Softening Temperature	167	°F	ASTM D1525
Peak Melting Temperature	205	°F	ASTM D3418
Additional Information	Nominal Value	Unit	Test Method
Maximum Moisture Content	0.10	%	ETM 156