

Technical Data Sheet

Microthene MU76000

Ethylene Vinyl Acetate

Product Description

Microthene G polyolefin powders are ground, irregularly-shaped particles 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.

Application	Automotive Parts; Colour Concentrates; Industrial; Interior Automotive Applications; Structural Parts
Market	Consumer Products; Flexible Packaging; Healthcare; Industrial, Building & Construction
Processing Method	Powders

Typical Properties	Nominal Value	English Units	Nominal Value	SI Units	Test Method
Physical					
Equivalent Melt Index	32	g/10 min	32	g/10 min	ASTM D1238
Density, (23 °C)	0.941	g/cm ³	0.941	g/cm ³	ASTM D1505
Vinyl Acetate Content	18	%	18	%	LYB Method
Mechanical					
Tensile Strength at Break	1360	psi	9.4	MPa	ASTM D638
Tensile Elongation at Break	760	%	760	%	ASTM D638
Hardness					
Shore Hardness, (Shore D)	30		30		ASTM D2240
Thermal					
Vicat Softening Point	129	°F	54	°C	ASTM D1525
Low Temperature Brittleness	<-105	°F	<-76	°C	ASTM D746
Peak Melting Point	185	°F	85	°C	ASTM D3418
Additional Information					
Particle Shape	Irregular		Irregular		LYB Method
Average Particle Size	35	mesh	35	mesh	LYB Method