

Technical Data Sheet

Ultrathene UE650028



Ethylene Vinyl Acetate

Product Description

Ultrathene UE650028 is an EVA copolymer with excellent flexibility and low temperature properties.

Application	Foamed Sheet; Soft Profile & Sheets
Market	Flexible Packaging; Rigid Packaging
Processing Method	Blown Film; Cast Film; Sheet and Profile Extrusion

Typical Properties	Nominal Value	English Units	Nominal Value	SI Units	Test Method
Physical					
Equivalent Melt Index	3.0	g/10 min	3.0	g/10 min	ASTM D1238
Density, (23 °C)	0.931	g/cm ³	0.931	g/cm ³	ASTM D1505
Vinyl Acetate Content	12	%	12	%	LYB Method
Mechanical					
Tensile Modulus, (1% Secant)	18500	psi	127	MPa	ASTM D638
Tensile Strength at Break	2100	psi	14.5	MPa	ASTM D638
Tensile Elongation at Break	1100	%	1100	%	ASTM D638
Hardness					
Shore Hardness, (Shore D)	44		44		ASTM D2240
Thermal					
Vicat Softening Temperature	156	°F	69	°C	ASTM D1525
Low Temperature Brittleness	<-105	°F	<-76	°C	ASTM D746
DSC Melting Point	199	°F	93	°C	LYB Method