



Polybutene-1 DP8911ME

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Product Description

Polybutene-1 grade **DP8911ME** is a random copolymer of butene-1 with high ethylene content.

DP8911ME is primarily used as a blend component in hot melt adhesive (HMA) formulations and sealant compounds, in order to increase open time and maintain mechanical integrity at higher temperatures (higher shear adhesion failure temperature or SAFT). It can be used in combination with a wide variety of non-polar resins and waxes.

Food law compliance information about this product can be found in separate product documentation.

This product is not intended for use in medical and pharmaceutical applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Typical Customer Applications	Meltblown, Nonwoven Spunbond, Nonwoven Staple Fibres, Products for Use in Property Modification

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.895	g/cm ³
Melt flow rate (MFR) (190°C/2.16kg)	ISO 1133	>200	g/10 min
Mechanical			
Tensile modulus	ISO 527	120	MPa
<i>Note: Measured on specimens conditioned for 10 days at 20°C</i>			
Thermal			
Melting temperature	DSC	93	°C
<i>Note: Tm1</i>			

Additional Properties

Recommended processing temperatures: 150°C to 180°C. In cases where higher temperatures are required please contact your appropriate technical contact for support.

Notes

Typical properties; not to be construed as specifications.