



Polybutene-1 DP 8911ME

LyondellBasell Industries - Polybutylene

Monday, November 4, 2019

General Information

Product Description

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

Koattro 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.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Butene Comonomer • Good Thermal Stability	• High Flow • Medium Stiffness	• Random Copolymer
Uses	• Adhesives • Construction Applications	• Industrial Applications • Plastics Modification	• Textile Applications
Processing Method	• Meltblown Nonwovens	• Spunbond Nonwovens	

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.895	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	> 200	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ² (73°F)	17400	psi	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Melting Temperature			DSC
-- ³	180	°F	
-- ⁴	199	°F	

Notes

¹ Typical properties: these are not to be construed as specifications.

² Mechanical properties are measured on specimens conditioned for 10 days at 23°C

³ Tm2

Tm2 corresponds with the melting point of crystalline form 2 which is measured immediately after solidification.

Tm2 corresponds with the melting point available for each batch on the Certificate of Analysis (COA).

⁴ Tm1