Technical Data Sheet

Koattro PB M 0600M

Polybutene-1

Product Description

Polybutene-1 grade *Koattro* PB M 0600M is a random copolymer of butene-1 with high ethylene content.

Koattro PB M 0600M is primarily used as a blend component in woodworking, assembly and packaging hot melt adhesive (HMA) formulations and sealant compounds. It can be used in combination with a wide variety of non-polar resins and waxes and maintains good cohesive strength of the HMA and higher Shear Adhesion Failure Temperature (SAFT). *Koattro* PB M 0600M offers extended Open time, short Setting time and superior cleavage in HMA packaging applications.

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Koattro PB M 0600M enhances softness and flexibility and helps to reduce the amount of resin needed in HMA formulations. It is highly compatible with polypropylene.

This grade is not intended for medical and pharmaceutical applications.

Application	Hot Melt Adhesives; Polymer Modifier; Sealants
Market	Compounding; Textile
Processing Method	Extrusion Coating; Melt Blown; Spunbond
Attribute	Extended Open Time; Good Adhesion; Good Thermal Stability; Short Set Time

	Nominal Value	Units	Test Method
Typical Properties			
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	600	g/10 min	ISO 1133-1
Density	0.89	g/cm³	ISO 1183-1
Brookfield Viscosity, (190 °C)	13500	mPa·s	ASTM D3236
lechanical			
Flexural Modulus	100	MPa	ISO 178

