

## 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.

*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.

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

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (190 °C/2.16 kg)	600	g/10 min	ISO 1133-1
Density	0.89	g/cm <sup>3</sup>	ISO 1183-1
Brookfield Viscosity, (190 °C)	13500	mPa·s	ASTM D3236
<b>Mechanical</b>			
Flexural Modulus	100	MPa	ISO 178