

TECHNICAL DATASHEET

M8060



PRODUCT DESCRIPTION

M8060 is a high density polyethylene resin used for injection molding. It has good flow characteristics that make it easier to process. Injection molding parts made from this resin exhibit high modulus and low webpage.

TRPICAL APPLICATION

Transport and storage containers, Cartridges, Technical parts with moderate ESCR requirements , Closures for still mineral waters.

TYPICAL DATA

Resin Properties	Unit	Test Method	Typical Value
MFR (190°C/2.16Kg)	g/10min	ASTM D1238	8.0
Density	g/cm ³	ASTM D792 Method A	0.960
Mechanical Properties*			
Tensile Strength at Yield	MPa	ASTM D638	29
Tensile Strength at Break	MPa	ASTM D638	16
Flexural Modulus	MPa	ASTM D790	1430
Izod Impact, Notched 23 °C	kJ/m ²	ASTM D256	3.0
Shore Hardness-D		ASTM D2240	68
ESCR (Igepal10%) F ₅₀	hr	ASTM D1693	5.0
Thermal Properties*			
Vicat Softening Temperature @10N	°C	ASTM D1525	127