



DATA SHEET

ALTOFLEX[®] HDPE 107

Description: Homopolymer HDPE film grade designed to improve stiffness and barrier in coextrusion or in PE blends. When blended with LLDPE or metallocene LLDPE. HDMP 107 improves their processability.

Applications:

- Film
- Liquid food packaging
- Blown Film
- Collation Shrink
- Shrink Film

Resin Properties	Method	Typical Value
Density	ASTM D1505	0.96 g/cm ³
Melt Index, 190/2.16	ASTM D1238	0.70 g/10 min
Film Properties	Method	Typical Value
Tensile Strength at Yield, 2 in/min, Type IV bar	ASTM D638	30 MPa
Tensile Elongation at Break, 2 in/min, Type IV bar	ASTM D638	>300%
Flexural Modulus, tangent - 16:1 span:depth, 0.5 in/min	ASTM D790	1,650 MPa
ESCR, condition B (100% Igepal), F ₅₀	ASTM D1693	15 Hours
Brittleness Temperature, Type A, Type I specimen	ASTM D746	<-75°C

Note:

Typical properties: these results are not to be construed as specifications. The user must confirm the results by their own methods.
