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## DATA SHEET

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### ALTOFLEX® HDPE 5502

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**Description:** High density polyethylene copolymer blown process grade designed to improve stiffness and barrier in coextrusion. When blended with LLDPE or metallocene LLDPE, ALTOFLEX HDPE 5502 improves their processability.

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#### Applications:

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- Household
- Food packaging
- Personal Care Products
- Pharmaceuticals
- Bottles for Bleach and Detergent

Resin Properties	Method	Typical Value
Density	ASTM D1505	0.955 g/cm <sup>3</sup>
Melt Index, 190/2.16	ASTM D1238	0.35 g/10 min
Film Properties	Method	Typical Value
Tensile Strength at Yield, 2 in/min, Type IV bar	ASTM D638	25 MPa
Tensile Elongation at Break, 2 in/min, Type IV bar	ASTM D638	590%
Flexural Modulus, tangent - 16:1 span:depth, 0.5 in/min	ASTM D790	1,370 MPa
ESCR, condition B (100% Igepal), F <sub>50</sub>	ASTM D1693	35 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.

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