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AC5502

High Density Polyethylene

Copolymer Blow Molding Grade

MELT INDEX **0.35**
DENSITY **0.955**

AC5502 is a generic, prime, high density polyethylene copolymer resin produced on Slurry-Loop technology and intended for use in a variety of applications such as HIC bottles, toys and profile extrusion.

Physical Properties[1]

Physical Properties	English	SI	Test Method
Melt Index[2]	-----	0.35 g / 10 min	ASTM D1238
Density	-----	0.955 g / cc	ASTM D4883
Tensile Strenght at Yield, 2 in/min, Type IV bar	4,000 psi	27 MPa	ASTMD638
Elongation at Break, 2 in/min, Type IV bar	600%	600%	ASTMD638
Flexural Modulus, Tangent - 16:1 span:depth, 0.5 in/min	200,000 psi	1,370MPa	ASTM D790
ESCR, Condition B (100% Igepal), F50	35 h	35 h	ASTM D1693
Brittleness Temperature, Type A, Type I specimen	<-103°F	<-75°F	ASTM D746

[1] Typical values which can vary within specification limits and are not to be construed as specifications.
[2] 2,16 kg/190 C.

[3] The nominal properties reported herein are typical of the product, but do not reflect normal testing variance and therefore should not be used for specification purposes. Values are rounded. The physical properties were determined on compression molded specimens that were prepared in accordance with Procedure C of ASTM D4703.

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