



HP54-60 Polyethylene Copolymer Flake

HP54-60 Flake is a high density polyethylene copolymer flake which contains no additives and is not pelletized. It is designed for use in the plastic wood composite market.

Typical Properties¹

	Values		ASTM Method
	English Units	SI Units	
Density	—	0.954 g/cc	D 4883
Melt Index ²	—	0.50 g/10 min	D 1238
Tensile Strength			
@ Yield (2 in/min)	>3,500 psi	>24.1 MPa	D 638
Elongation			
@ Break (2 in/min)	>600%	>600%	D 638
Flexural Modulus ³	>150,000 psi	>1035 MPa	D 790
Hardness (Shore D)	65	65	D 2240
Brittleness Temperature	<-103 °F	<-75 °C	D 746
Deflection Temperature @ 66 psi	>155 °F	>65 °C	D 648

¹ Typical properties will vary within specification limits.

² 190° C/2160 g

³ Tangent-Method

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Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, send an e-mail to: OPMSDS@innovene.com.

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For additional information, samples, pricing and availability, please contact:

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