

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	—	0.55 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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2600 South Shore Boulevard, Ste. 500
League City, TX 77573
Tel: 281-535-6600
www.ineos-op.com

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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, please refer to the Regulatory Position Statement (RPS) online at www.ineos-op.com, or call + 1-800-527-5419.

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The Material Safety Data Sheet for this product contains shipping descriptions and should be consulted, before transportation, as a reference in determining the proper shipping description. If the material shipped by INEOS is altered or modified, different shipping descriptions may apply and the MSDS of the original material should not be used.

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

INEOS Olefins & Polymers, USA

Marina View Building
2600 South Shore Boulevard
Suite 500
League City, Texas 77573
Phone: +1 281 535 6600
Fax: +1 281 535 6764
Customer Service: +1 800 527 5419
Tech Service: +1 800 338 0489
www.ineos-op.com

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