HD-60507

HDPE for Injection Molding

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Reg. no : DGA-PL- 4402.00

Rev. 0

Product Description

60507 is a HDPE homopolymer for injection molding grade which combines good flowability with balanced physical properties. This resin is well suited for general purpose application requiring high stiffness.

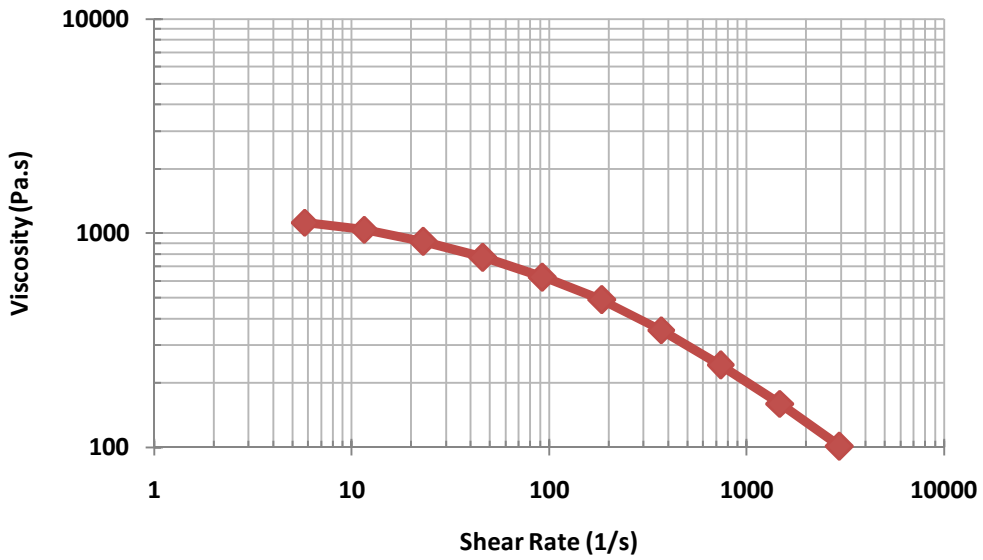
Resin Properties	Unit	Value	Test Method
Melt Index	g/10 min	7.5	D1238
Density	g/cm³	0.958	D1505
Thermal Properties	**Unit**	**Value**	**Test Method**
Vicat Softening Point	°C	127	D1525
Molded Properties	**Unit**	**Value**	**Test Method**
Tensile Strenght at Yield	Mpa	30	D638
Tensile Strenght at Break	Mpa	13	D638
Ultimate Elongation	%	350	D638
Flectural Modulus	Mpa	1500	D790
Notched Izod Impact @ 23 °C	J/m	36	D256/A

- On compression molded according to ASTM D 1928 C

Processing Conditions

Recommended barrel tempratures rang between 190 °C and 280 °C

The technical information suggested uses and application presented are belived to be accurated and reliable, however JPC makes no warranties either express or implied concerning the information herein or the use of our materials.



Storage and Handling

Polyethylene products (in pelletized or powder form) should not be stored in direct sunshine and/or heat radiation. The Storage area should be dry and preferably don't exceed 50 °C. JPC would not responsible about quality diminishing such as color change, bad smell or est. which caused by bad storage conditions. It is better to process PE resin within 6 months after delivery.

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