



HDPE for injection molding HD-52505

Product Description

52505 is a HDPE copolymer for injection molding for application requiring a good physical property even at low temperatures, like pails, containers and technical moldings.

Application

Containers.

Producer

Jam Petrochemical Company

Resin Properties	Value	Units	Test Method
Melt Index	5	g/10 min	D1238
Density	0.952	g/cm ³	D1505
Thermal Properties			
Vicat Softening Point	124	°C	D1525
Molded Properties			
Tensile Strength at Yield	27	Mpa	D790
Tensile Strength at Break	18	Mpa	D638
Flectural Modulus	1200	Mpa	D790
Notched Izod Impact @ 23 °C	55	J/m	D256/A
H.D.T	82	°C	D648

- On compression molded according to ASTM D1928C

Processing Conditions

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

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.