AKSAD GROUP PETROCHEM

HD-52518

HD-52518 is a HDPE copolymer which manufactured by gas phase process. This grade is LLDPE Injection Molding, Extrusion Coating & Rotomoulding. Injection molding for application requiring a good balance between easy of process ability and flowability and mechanical properties are the special peruse of this grade.

Features

Good balance between easy of processability and flowability

Applications

Housewares High fluidity

Additives

Thermal Antioxidant

Material properties

This data are typical values and are not to be construed as product specifications

Properties	Value	Unit	Method
Melt Index	18	g/10 min	ASTM D1238
Density	0.952	g/cm³	ASTM D1505
Vicat Softening Point	122	°C	ASTM D1525
Flectural Modulus	1350	Mpa	ASTM D790
Notched Izod Impact @ 23 °C	25	J/m	ASTM D256/A

Handellling and Health Safety

Smolten polymers could be injured skin or eye so safety glasses and appropriate gloves are suggested to prevent possible thermal injuries. Also appropriate ventilation is suggested in working by melt polymer. Accumulation of fines or dust particles that are in this grade is not suitable because of explosion hazard probability. So adequated filters and grounding exists at all time are recommended.

Storage

Polyethylene products (in pelletised or powder form) should not be stored in direct sunshine and/or heat radiation. Ultraviolet cause a change in the material properties. The Storage area should be dry and preferably don't exceed 50 °C. Under cool, dry, dark conditions Jam Polymers polyolefin resins are expected to maintain the original material and processing properties for at least 18 month. . Company would not responsible about quality diminishing such as color change, bad smell or ets which caused by bad storage conditions. It is better to process PE resin within 6 months after delivery

packaging

Polyolefin resins are supplied in pallet form packed in 25kg bags. Alternative packaging modes are available for selected grades.

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