HDPE INJECTION

HD-52511 HD-52511UV- (J.P.C)

Product Description:
52511 is a HDPE copolymer injection molding grade for applications requiring a good balance between physical properties and flowability, like housewares and toys.

Characteristic Properties:
- Good balance between physical properties and flowability.

Main Applications:
- injection molding grade.
- Houseware.

Additives:
- Thermal Antioxidant (Process Stabilizer)
- Catalyst neutralizer (acid scavenger, lubricant)
- Thermal Antioxidant (Process Stabilizer)
- Antiblocking Agent
- Catalyst neutralizer (acid scavenger, lubricant)
- UV Stabilizer

Typical data - HD-52511 HD-52511UV

RESIN PROPERTIES	TEST METHOD	UNIT	VALUE
Melt Index (190°C/ 2.16Kg)	D1238	(g/10 min)	11
Density	D1505	g/ml	0.9520
PHYSICAL PROPERTIES	TEST METHOD	UNIT	VALUE
Flexural modulus	D709	(MPa)	D709
Notched Izod impact at 23°C	D256/A	(J/m)	D256/A
Vicat softening point	D1525	(°C)	D1525
@ on compression moulded specimen obtained according to ASTM D 1928°C			
Fabrication conditions for injection moulding			
Recommended barrel temperatures range between 190 and 280°C			