



HD-52518

HDPE made via Spherilene Gas-Phase Technology

Product Description

52518 is a HDPE copolymer for Injection Moulding for applications requiring a good balance between easy of processability and flowability and mechanical properties

Applications

- Housewares
- High fluidity Injection moulding grade Additives
- Thermal Antioxidant (Process Stabilizer)
- Catalyst neutralizer (acid scavenger, lubricant)

RESIN PROPERTIES	UNIT	TYPICAL VALUE	TEST METHOD
MELT INDEX (190°C/ 2.16KG)	(g/10 min)	18	D1238
DENSITY	g/ml	0.952	D1505
THERMAL PROPERTIES @	Unit	Typical Value	Test Method
VICAT SOFTENING POINT	(°C)	121	D1525
MOULDED PROPERTIES @	Unit	Typical Value	Test Method
FLEXURAL MODULUS	(MPa)	1200	D790
NOTCHED IZOD IMPACT @ 23	(J/m)	19	D256/A

@ ON COMPRESSION MOULDED SPECIMEN, ACCORDING TO ASTM D 1928°C

Producer: Jam Petrochemical Co.

Licensors: LyondellBasell

Packing: 25 Kg plastic bag

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