



HIPLEX HXM 45060

HIPLEX[®] HXM 45060 is copolymer of ethylene and hexane, with extra high molecular weight and broad molecular weight distribution and very good processability. It is material with outstanding environmental stress cracking resistance, good creep strength and very good impact resistance. It may be in granular or powdered form.

PROCESSING RECOMENDATIONS:

Processing temperature: 190-220^oC.

PROPERTIES:

PROPERTY	TEST METHOD	UNIT	VALUE
DENSITY	ISO 1183	kg/m ³	945
MELT FLOW RATE (190 ^o C/21,6 kg)	ISO 1133	g/10 min	6,0
TENSILE STRENGTH AT YIELD	ISO 527	MPa	22
TENSILE STRENGTH AT BREAK	ISO 527	MPa	35
ELONGATION AT BREAK	ISO 527	%	800
IZOD IMPACT STRENGTH	ISO 180	J/m	no break
SHORE D HARDNESS	ISO 868	Shore D	64
VICAT SOFTENING POINT (1 kg)	ISO 306	^o C	125
FLEXURAL MODULUS	ISO 178	MPa	1100
ESC RESISTANCE	ASTM D 1693	h	> 1000

APPLICATION:

HIPLEX[®] HXM 45060 is recommended for fuel oil tanks, automobile fuel tanks and containers for transport and storage of very surface-active liquids and dangerous goods.

HIPLEX[®] HXM 45060 has Health Certificate issued by Institute for Health Protection of Serbia.

The values in this review are characteristic and are provided for guidance purposes only.

For any technical information about our products please mail to laboratorija@hip-petrohemija.co.yu