



HIPLEX HMN 6050

HIPLEX[®] HMN 6050, copolymer of ethylene and hexene, is injection moulding grade with very good impact strength, good rigidity and hardness. The injection moulding parts fabricated from this grade have outstanding surface appearance.

PROCESSING RECOMMENDATIONS:

Processing temperature: 190-240^oC.

PROPERTIES:

PROPERTY	TEST METHOD	UNIT	VALUE
DENSITY	ISO 1183	kg/m ³	955
MELT FLOW RATE (190 ^o C/2,16 kg)	ISO 1133	g/10 min	5
TENSILE STRENGTH AT YIELD	ISO 527	MPa	27
TENSILE STRENGTH AT BREAK	ISO 527	MPa	22
ELONGATION AT BREAK	ISO 527	%	360
IZOD IMPACT STRENGTH	ISO 180	J/m	45
SHORE D HARDNESS	ISO 868	Shore D	65
VICAT SOFTENING POINT (1 kg)	ISO 306	^o C	127
FLEXURAL MODULUS	ISO 178	MPa	1230
ESC RESISTANCE	ASTM D 1693	h	10

APPLICATION:

HIPLEX[®] HMN 6050 is general purpose injection moulding grade suitable for the production of: crates for bottles of beer, wine and mineral water, trays for fruit, vegetables, milk and bread, household articles and toys.

HIPLEX[®] HMN 6050 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