

## HIPLEX HHM 5502

HIPLEX® HHM 5502, copolymer of ethylene and hexene, with relatively high molecular weight and medium molecular weight distribution, is blow moulding grade for production of small and medium size containers. HIPLEX® HHM 5502 has good rigidity, hardness, impact strength, environmental stress cracking resistance, and excellent processability.

### PROCESSING RECOMMENDATIONS:

Processing temperature: 170-205°C.

### PROPERTIES:

PROPERTY	TEST METHOD	UNIT	VALUE
DENSITY	ISO 1183	kg/m <sup>3</sup>	955
MELT FLOW RATE (190°C/2,16 kg)	ISO 1133	g/10 min	0,35
TENSILE STRENGTH AT YIELD	ISO 527	MPa	27
TENSILE STRENGTH AT BREAK	ISO 527	MPa	28
ELONGATION AT BREAK	ISO 527	%	800
IZOD IMPACT STRENGTH	ISO 180	J/m	80
SHORE D HARDNESS	ISO 868	Shore D	65
VICAT SOFTENING POINT (1 kg)	ISO 306	°C	127
FLEXURAL MODULUS	ISO 178	MPa	1230
ESC RESISTANCE	ASTM D 1693	h	40

### APPLICATION:

HIPLEX® HHM 5502 is suitable for production of small and medium size containers for packaging of bleach, chemicals and most of detergents. It is not recommended for heavy-duty detergents.

HIPLEX® HHM 5502 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 [SOKUP@hip-petrohemija.co.yu](mailto:SOKUP@hip-petrohemija.co.yu)