

# HIPTEN® 21015

Low Density Polyethylene

HIP-PetroHemija

## Message:

HIPTEN® 21015 is low density polyethylene resin for production of injection moulding articles.

Production of general-purpose injection moulding articles.

HIPTEN® 21010 has Health Certificate issued by Institute for Health Protection of Serbia. Also, has Statement of Conformity, which declares product's conformity with the European norms for materials intended to come into contact with foodstuffs. Statement of Conformity is issued by Institute for Public Health, Maribor, Slovenia.

General Information			
Features	General Purpose		
	Recyclable Material		
Uses	General Purpose		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.921	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	44		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	10.0	MPa	
Break	14.0	MPa	
Tensile Strain (Break)	600	%	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	96.0	°C	ISO 306
Injection	Nominal Value	Unit	
Processing (Melt) Temp	180 to 200	°C	

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Recommended distributors for this material

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