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Stamylex[®] 2H 568

Octene-1 linear low density polyethylene

DATA SHEET

Description

Stamylex[®] 2H 568 is an octene based linear low density polyethylene produced in a solution polymerisation process using a Ziegler – Natta catalyst. This grade contains an additive package for thermal stabilization.

Applications

Stamylex 2H 568 is especially designed for the production of non wovens.

General properties	Units	Typical values	Method
Melt Flow Rate (2.16 kg/190°C)	dg/min	19	ISO 1133
Density (23°C)	kg/m ³	930	ISO 1183
Moulded plaque properties	Units	Typical values	Method
Tensile test [1]			ISO 527-2
Stress at break [2]	MPa	10	
Strain at break [2]	%	147	
Modulus of elasticity in tension	MPa	395	
Notched Izod at + 23 °C	kJ/m ³	12	ISO 180(1A)
Hardness Shore D		61	ISO 868
Thermal properties			
Vicat softening temperature at 10 N	°C	105	ISO 306
DSC melting point	°C	124	ASTM D3418

- [1] Test specimen as per ISO 527-2 type 1 BA, thickness 2 mm
 [2] Speed of testing: 500 mm/min