

TECHNICAL SPECIFICATION

Product name: PP Moplen EP448T	
Product code: 505058	Specification No: ST-IXO 4588-1/2004 Revision date: 13-08-2004
Chemical name\composition: 1-propene, polymer with ethene	
Name INCI:	

Properties:	Specification:
Density, g/cm ³	typ. 0,905
Melt flow rate (MFR) (230°C/2,16 kg), g/10min	typ. 48
Melt volume-flow rate (MVR) (230°C/2,16 kg), cm ³ /10 min.	typ. 65
Tensile modulus, Mpa	typ. 1350
Tensile stress at yield, Mpa	typ. 27
Tensile strain at break, %	typ. 40
Tensile strain at yield, %	typ. 5
Charpy unnotched impact strength, (0°C, type 1, edge wise, kJ/m)	typ. 100
Charpy unnotched impact strength, (-20°C, type 1, edge wise, kJ/m ²)	typ. 75
Charpy notched impact strength, (23°C, type 1, edge wise, notch A, kJ/m ²)	typ. 5,0
Charpy notched impact strength, (0°C, type 1, edge wise, notch A, kJ/m ²)	typ. 3,5
Charpy notched impact strength, (-20°C, type 1, edge wise, notch A, kJ/m ²)	typ. 2,5
Ball Indentation Hardness (H358/30), MPa	typ. 62
Vicat Softening Temperature, (B50, 50°C/h, 50N), °C	typ. 70
Vicat Softening Temperature, (A50, 50°C/h, 10N), °C	typ. 151

Typical value does not constitute technical specification limits and can not be the reason to complain.
 Any information contained herein is based on our current knowledge and does not release the customer from undertaking his own examinations.