

ESAN® SAN

Polybutylene Terephthalate

EMAS Plastik San.Tic.AS.

Message:

SAN

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.05 to 1.10	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	4.0 to 20	g/10 min	ISO 1133
Molding Shrinkage	0.40 to 0.60	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	70 to 80		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500 to 4000	MPa	ISO 527-2
Tensile Stress (Yield)	20.0 to 40.0	MPa	ISO 527-2
Tensile Strain (Break)	> 2.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 4.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	95.0	°C	ISO 75-2/A
Vicat Softening Temperature	100	°C	ISO 306/B
Melting Temperature (DSC)	210	°C	ISO 3146

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