

Product Description

Terluran GP-35 is a very high flow grade of ABS for injection molding with good resistance to impact and heat deflection.

RHEOLOGICAL	ISO Test Method	Property Value
Melt Volume Rate (220 °C/10 Kg), cc/10min.	1133	34
PHYSICAL	ISO Test Method	Property Value
Density, g/cm ³	1183	1.04
MECHANICAL	ISO Test Method	Property Value
Tensile Modulus, MPa	527	
23°C		2,300
Tensile stress at yield, MPa	527	
-40°C		63
23°C		44
80°C		19
Tensile strain at yield, %	527	
23°C		2.4
Nominal strain at break, %	527	
23°C		12
Flexural Strength, MPa	178	
23°C		65
IMPACT	ISO Test Method	Property Value
Izod Impact, kJ/m ²	180	
23°C		22
Charpy Notched, kJ/m ²	179	
23°C		19
-30°C		7
Charpy Unnotched, kJ/m ²	179	
23°C		125
-30°C		90
THERMAL	ISO Test Method	Property Value
HDT A (1.8 MPa), ° C	75	94
HDT B (0.45 MPa), ° C	75	99
Coef. of Linear Thermal Expansion, Parallel, mm/mm °C		0.95 X10 ⁻⁴
Vicat Softening Temperature VST/B/50 °C	306	95
ELECTRICAL	ISO Test Method	Property Value
Volume Resistivity	IEC 60093	>1E13
Electric Strength, Short Time, 1.5 mm	IEC 60243-1	38
UL RATINGS	ISO Test Method	Property Value
Flammability Rating, 1.5mm	UL94	HB
Relative Temperature Index, 1.5mm	UL746B	

Mechanical w/o Impact, °C	90
Mechanical w/ Impact, °C	80
Electrical, °C	90

Note

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