

Injection Properties for ECOZEN® T120G

Product Name : ECOZEN® T120G
 CAS No. 1038843-64.9
 Test Results : For further details, please refer to following page(s)
 Test Performed : SK Chemicals R&D center

Property	Test Method	Unit	Typical Values
Rockwell Hardness	ASTM D785	R-scale	121
Specific Gravity	ASTM D792	-	1.27
Moisture Absorption Factor	ASTM D570	%	0.25

Mechanical

Tensile Strength @ Yield 50mm/min (2 inch/min)	ASTM D638	kgf/cm ²	550
Tensile Strength @ Break 50mm/min (2 inch/min)	ASTM D638	kgf/cm ²	470
Elongation @ Yield 50mm/min (2 inch/min)	ASTM D638	%	6.8
Elongation @ Break 50mm/min (2 inch/min)	ASTM D638	%	110
Flexural Strength 1.27mm/min (0.05 inch/min)	ASTM D790	kgf/cm ²	1,000
Flexural Modulus 1.27mm/min (0.05 inch/min)	ASTM D790	kgf/cm ²	21,700
Izod Impact Strength, Notched @ 23 °C(73 °F)	ASTM D256	J/m	No Break

Thermal

Heat Distortion Temperature @ 0.455 MPa(66 psi)	ASTM D648	°C	109
Glass Transition Temperature	ASTM D1525	°C	120

The data listed here is preliminary data sheet of product. Therefore this sheet should not be used to establish specification limits or used alone as a basis for design. This information is not intended as a warranty of any kind. Customers must make their own representative test and assume all risks of use, whether used alone or in combination with other products. SK Chemicals assumes no obligation or liability of any advice furnished by it or results obtained with respect to these products. All warranties of merchantability for a particular purpose or use are excluded and disclaimed.

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