

Technical Data Sheet : ECOZEN T90H

Property	Test Method	Unit	Typical Values
Rockwell Hardness	ASTM D785	R-scale	115
Specific Gravity	ASTM D792	-	1.25
Moisture Absorption Factor	ASTM D570	%	0.2 – 0.3

Mechanical

Tensile Strength @ Yield 50mm/min (2 inch/min)	ASTM D638	kgf/cm ²	420
Tensile Strength @ Break 50mm/min (2 inch/min)	ASTM D638	kgf/cm ²	430
Elongation @ Yield 50mm/min (2 inch/min)	ASTM D638	%	5.6
Elongation @ Break 50mm/min (2 inch/min)	ASTM D638	%	270
Flexural Strength 1.27mm/min (0.05 inch/min)	ASTM D790	kgf/cm ²	670
Flexural Modulus 1.27mm/min (0.05 inch/min)	ASTM D790	kgf/cm ²	16600
Izod Impact Strength, Notched @ 23 oC(73 oF)	ASTM D256	J/m	No Break

Thermal

Heat Distortion Temperature @ 0.455 MPa(66 psi)	ASTM D648	°C	75
Glass Transition Temperature	ASTM D1525	°C	85

Optical

Haze	ASTM D1003	%	< 1.0
Transmittance	ASTM D1003	%	90
Refractive Index, n _D	ASTM D542	-	1.56

Flammability

UL Flammability Classification @ min. 3.2 thickness	UL 94	-	V2
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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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The information in this data sheet is, to the best of our knowledge, true and accurate. The representations about the product are based upon test results achieved under laboratory practices supervised and controlled by SK chemicals corporation.

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