



Disciplined Innovation

TERATE® HT 5150

INDUSTRY LEADERSHIP

For more than 35 years, INVISTA has been an innovative leader in the aromatic polyester polyols market. In this market, INVISTA is known for its Terate® brand polyols which exhibit improved flammability and physical properties, backed by expert technical support.

INVISTA offers a complete line of aromatic polyester polyols with a variety of functionalities and equivalent weights. This allows formulation flexibility in achieving the range of physical and flammability properties required of polyurethane and polyisocyanurate foams.

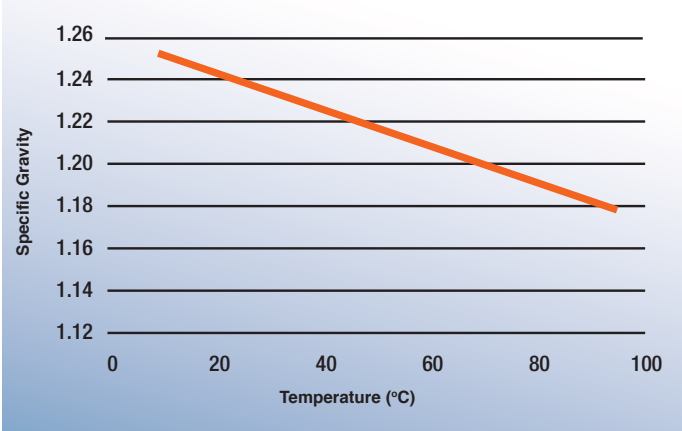
ATTRIBUTES

The innovative chemistry that forms the basis for the Terate® HT polyols platform retains the Terate® polyol burn performance in various industry flammability testing while offering improved adhesion, flowability and processing latitude in panel applications. Terate® HT 5150 is an aromatic polyester polyol with inherent functionality and fire performance advantage over polyether polyols. Formulators will appreciate the low viscosity and low nominal acidity while maintaining a nominal functionality to impart desired dimensional properties. For example, bunstock and pour-in-place panel formulations using Terate® HT 5150 typically form a stable char with minimal shrinkage and high weight retention when subjected to industry flammability testing. Rigid foams produced with Terate® HT 5150 are light in appearance.

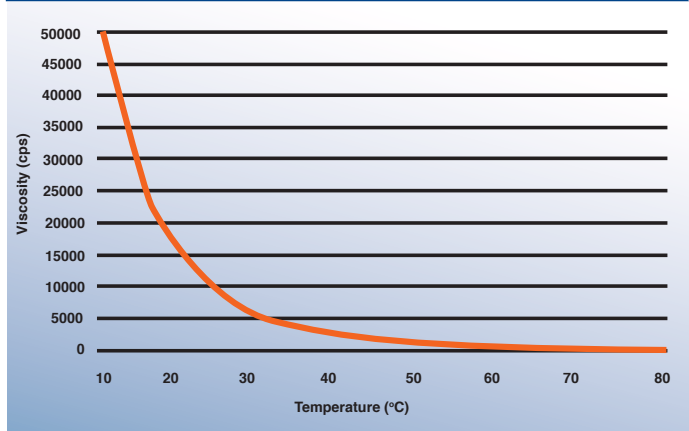
PROPERTIES

	Range	Typical Properties
Hydroxyl Number, mg KOH/g	280 - 310	295
Viscosity at 25°C, cps	4,000 - 8,000	6,000
Acid Number, mg KOH/g	< 2	1
Water Content, %	≤ 0.15%	0.05%
Specific Gravity at 25°C, g/ml		1.24
Equivalent Weight		190
Functionality		2.25

Terate® HT 5150 Density - Temperature Data



Terate® HT 5150 Viscosity - Temperature Data



TERATE[®] HT 5150

STORAGE AND HANDLING

Terate[®] HT 5150 polyol is a stable material which can be stored and handled in carbon steel, stainless steel, or fiberglass tanks or in tanks made from other conventional construction materials.

Storage temperatures should be kept below 60°C (140°F) to maintain product integrity. It is also recommended that storage vessels and process tanks be blanketed with dry air (min. -40°F/C bulb) or nitrogen to prevent uptake of atmospheric moisture.

The information given above is a guideline. Please see the MSDS for specific details on handling this product.

FOR MORE INFORMATION:

Email us at Terate@INVISTA.com or contact us:

NORTH AMERICA

(800) 231 0998

EUROPE

+49 69 305 85550

ASIA PACIFIC

+86-21-63876666-2659

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