

TERATE® HT 5350

DESCRIPTION

Terate® HT 5350 polyol is a highly versatile aromatic polyester polyol recommended for use in polyurethane (PUR) applications that require low viscosity, enhanced blowing agent compatibility, and a fire-resistance rating. For closed-cell spray foams for wall insulation applications, the recommended use level is between 35 - 65% in the B-side polyol blends.

PROPERTIES

Production Analysis	Specification	Typical
Acid Number, mg KOH/g	≤ 2.0	1.3
Hydroxyl Number, mg KOH/g	340 - 365	350
Water Content, %wt	≤ 0.15	0.05
Viscosity at 25° C, mPas	1500 - 3000	2200
Functionality		2.2

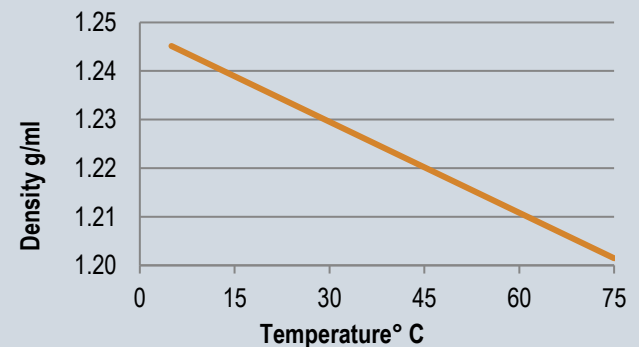
TECHNOLOGY

Terate® HT polyol technology delivers burn performance in industry flammability testing: forming char with minimal shrinkage and high weight retention while improving ease of processing during rigid foam production; and improved adhesion to various substrates, including cold adhesion for spray applications.

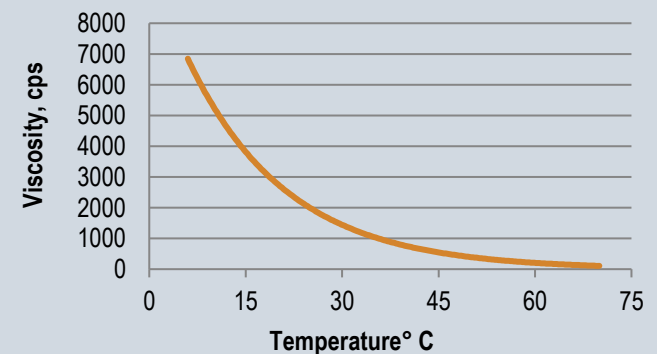
STORAGE AND HANDLING

TERATE® HT 5350 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.

TERATE® HT 5350 Specific Gravity – Temperature Data



TERATE® HT 5350 Viscosity – Temperature Data



FOR MORE INFORMATION:

Email us at TERATE@INVISTA.com or call us:

NORTH AMERICA
800-441-3893

EUROPE
+49-69-305-85550

ASIA-PACIFIC
+86-21-63876666-2659

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