

TERATE® HT 5232

DESCRIPTION

Terate® HT 5232 polyol is an aromatic polyester polyol formulated for use in polyurethane (PUR) and polyisocyanurate (PIR) foam systems such as spray foams and metal-faced sandwich panels. In certain closed-cell spray wall foam formulations this product has a proven record in achieving ASTM E-84 Class 1 rating with improved flame spread and smoke density index. The recommended use level in spray wall foam formulation 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	255 – 275	265
Water Content, %	≤ 0.15	0.05
Viscosity at 25° C	10000 - 14000	12000
Functionality		2.3

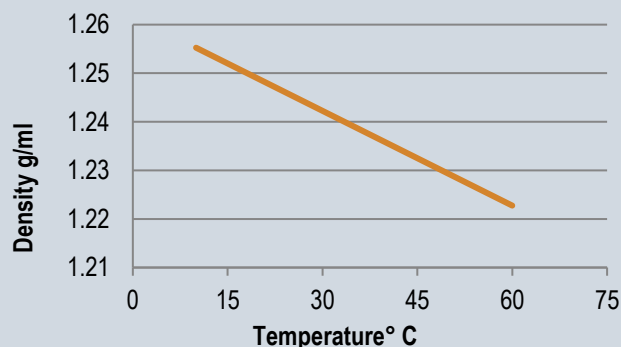
TECHNOLOGY

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.

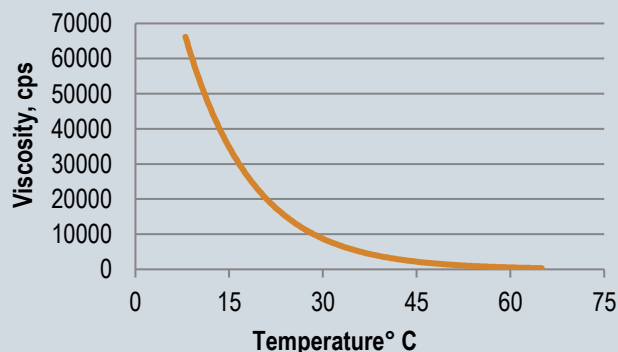
STORAGE AND HANDLING

TERATE® HT 5232 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 5232 Specific Gravity – Temperature Data



TERATE® HT 5232 Viscosity – Temperature Data



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