

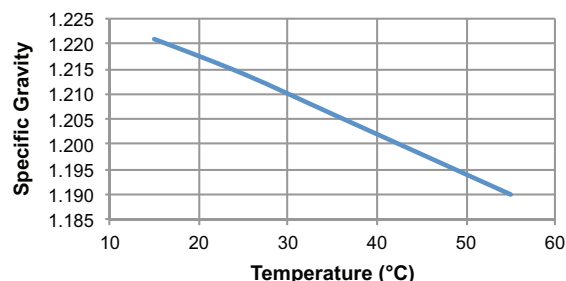
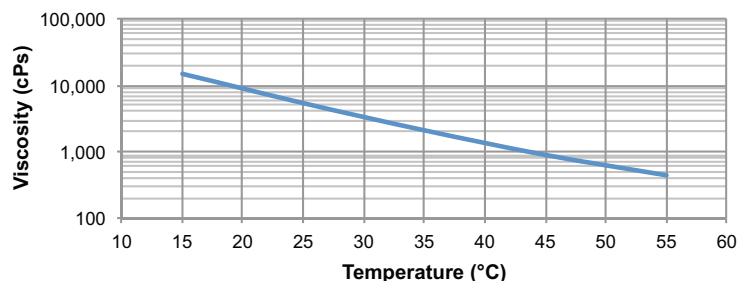
Technical Data

TEROL® XO 12009 POLYOL

Modified Aromatic Polyester Polyol

APPLICATION

TEROL XO 12009 is a high aromatic content, high functionality polyester polyol recommended for use in polyurethane (PUR) systems which require a fire test rating, particularly in systems using a 3.0 or 4.0 generation blowing agent. TEROL XO 12009 can be formulated at high loadings, reducing the need for brominated flame retardants and also reducing the amount of polyether polyols necessary due to the high functionality of the polyester polyol.



	Typical Properties	Specifications
Hydroxyl No. (mg KOH / g)	375	365 - 385
Water (% by wt.)	0.05	≤ 0.10
Acid No. (mg KOH / g)	1.0	≤ 1.8
Viscosity @ 25° C (cPs)	6,500	5,500 - 7,500
Functionality	~3.0	

Rapidly.....24.0%
Renewable Materials¹

STORAGE AND HANDLING

As with all industrial chemicals, care should be exercised in the handling of this material. In the event of contact with skin or eyes, follow the instructions on our MSDS. TEROL Aromatic Polyester Polyols should be stored in tightly closed containers. Storage temperatures of 15 - 50°C are recommended for a shelf life of 6 (six) months.

¹ Rapidly Renewable Materials - materials made from plants that are typically harvested with a ten year cycle or shorter as defined by LEED for New Construction & Major Renovations, Version 2.2.

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Huntsman Polyurethanes warrants only that its products meet the specifications agreed with the buyer. Typical properties, where stated, are to be considered as representative of current production and should not be treated as specifications.

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Products may be toxic and require special precautions in handling. The user should obtain Safety Data Sheets from Huntsman Polyurethanes containing detailed information on toxicity, together with proper shipping, handling and storage procedures, and should comply with all applicable safety and environmental standards.

Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent on the manufacturing circumstances or other processes. Such hazards, toxicity and behaviour should be determined by the user and made known to handlers, processors and end users.

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