

## Technical Data

# TEROL® 1154 POLYOL

## Modified Aromatic Polyester Polyol

### APPLICATION

TEROL 1154 was developed for the polyisocyanurate (PIR) continuous lamination market. The low hydroxyl number allows for reduction in the use of polymeric isocyanate without loss of foam physicals. Properly formulated boards made with TEROL 1154 can pass all UL and FM requirements.

	Typical Properties	Specifications	
Hydroxyl No. (mg KOH / g)	200	190 - 210	Pre-consumer .....22.76% Recycle Material <sup>1</sup>
Water (% by wt.)		0.10	
Acid No. (mg KOH / g)		0.5 - 1.5	Post-consumer .....0% Recycle Material <sup>2</sup>
Viscosity @ 25° C (cPs)	5,000	4,500 - 5,500	
Functionality	2.20		Rapidly.....18.4% Renewable Materials <sup>3</sup>
Specific Gravity @ 25° C	1.180		

### 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 Pre-consumer Recycle Material - materials diverted from waste stream in a manufacturing process as defined by International Standard ISO 14021.

2 Post-consumer Recycle Material - materials generated by households or by commercial industrial and institutional facilities in their role as end-users of the product which can no longer be used for its intended purpose as defined by International Standard ISO 14021.

3 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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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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