



Product Description

LAXTER AR-305 is a hydroxyl group terminated branched aromatic polyester. This polyester is specially designed for rigid foam applications. This product can offer excellent dimensional stability and excellent flammability performance and may be used for systems which require a Class I rating in the ASTM E-84 tunnel burn test.

Storage and Handling

This product is hygroscopic and tends to absorb water which may adversely affect processing. Use of a dry nitrogen blanket for partial drums is recommended. This polyester can be stored at 158°F (70°C) under nitrogen blanket with slow agitation for 2 months or can be stored at 77°F (25°C) under nitrogen blanket for 1 year. In order to maintain liquid, this polyester should be stored above 59°F (15°C). This product is not damaged by freezing. However, it may freeze or separate due to cold. Warm to 158°F (70°C) to thaw and mix until uniform.

Health and Safety

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling any of the products listed above. Before working with these products, it is your responsibility to read and become familiar with the available information on its hazards, proper use and handling. This is extremely important and cannot be overemphasized. Information is available in several forms, e.g. material safety data sheets and product labels. To obtain this information, contact your Polycoat Products representative.

Typical Properties

Appearance	dark brown liquid
State @ 77°F (25°C)	liquid
Hydroxyl number (OH#)	(305.0 (295.0 – 315.0))
Viscosity, cps, @ 77°F (25°C)	5,500 typical
Moisture, %	0.150 max.
Specific gravity@ 77°F (25°C)	1.20
Functionality	2.2 nominal
Shelf life	1 year





Limited Warranty: Please read all information in the General Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material. These products are for professional use only and preferably applied by professionals who have prior experience with the Polycoat Products materials or have undergone training in application of Polycoat Products materials. Published technical data and instructions are subject to change without notice. Contact your local Polycoat Products representative or visit our website for current technical data, instructions, and project specific recommendations.

Polycoat Products warrants its products to be free of manufacturing defects and that they will meet Polycoat Products' current published physical properties. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by Polycoat Products of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Polycoat Products shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. Polycoat Products shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. Polycoat Products reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

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