Bayer MaterialScience

DESMOPHEN® XS-6517-55

Product Information

Saturated Polyester

Description

Desmophen XS-6517-55 is a solvent free saturated polyester.

Application

Desmophen XS-6517-55 is a general purpose polyester with an excellent balance of physical properties. As with any product, use of Desmophen XS-6517-55 in a given application must be tested (including but not limited to field testing) in advance by the user to determine suitability.

Product Specifications

Property	Value
Solids, Wt. %	100
Hydroxyl Number, mg KOH/g	58 - 66
Viscosity at 60°C, cps	900 - 1,600
Acid Number, mg KOH/g	< 1.2
Color, APHA	< 100

Typical Properties*

Property	Value
Appearance	Clear to light amber viscous liquid
Specific Gravity @ 25°C	1.1
Flash Point (Cleveland Open Cup)	200°F (93°C)

Storage

Desmophen XS-6517-55 polyester is hygroscopic. Containers must be kept tightly sealed to prevent contamination with moisture and foreign materials. Undesirable side reactions may occur when contaminated hydroxyl bearing resins are formulated with polyisocyanates. Recommended storage temperatures for Desmophen XS-6517-55 polyester are 32°F to 122°F (0°C to 50°C). The shelf life is twelve months after receipt of material by customer, when stored in closed, original containers at 77°F (25°C).

Health And Safety Information

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling Desmophen XS-6517-55. Before working with these products, you must read and become familiar with the available information on their hazards, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., material safety data sheets and product labels. Consult your local Bayer MaterialScience representative or contact Bayer's Product Safety and Regulatory Affairs Department in Pittsburgh, PA.

* *These items are provided as general information only. They are approximate values and are not part of the product specifications.*

Note: The information contained in this bulletin is current as of July 2011, please contact Bayer MaterialScience to determine whether this publication has been revised.

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