

Poly S 2000EA

Polyester Polyol

Product Description:

Poly S 2000EA is a polyethylene adipate with a molecular weight of 2,000 that is often used in solid elastomers, elastomeric coatings, microcellular and adhesives applications. As with all polyurethane products, application and field testing are necessary to determine suitability of the selected product or product combination for each specific application.

Typical Properties of Poly S 2000EA		Functionality, f	2
Hydroxyl Number, mg KOH/g	52 – 58	Viscosity @ 60°C mPa·s	950 - 1200
Water Content, %	0.05 max	Acid Number mg KOH/g	0.9 max
Specific Gravity @ 25°C	1.28	Flash Point (PMCC)	304°C
Appearance @ 25°C	Off-white to slightly yellow solid	Bulk Density @ 25°C	10.7

Storage and Handling:

Containers should be kept tightly closed away from moisture and foreign materials. Poly S 2000EA is hygroscopic and tends to absorb water which may adversely affect processing. Use of a dry nitrogen blanket for partial drums is recommended. Storage temperatures should be maintained at room temperature or higher, not to exceed 167°F (75°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 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 ITWC, Inc. representative.