韶关东森合成材料有限公司
Shaoguan Dongsen Synthetic Material Co., Ltd.

PRODUCT TECHNICAL DATA SHEET

Waterborne Isocyanate Hardener WD-8660A

PRODUCT FEATURES

A water-dispersible isocyanate hardener based on hexamethylene diisocyanate (HDI) / isophorone diisocyanate (IPDI), featuring easy hand mixing, long pot life, and low odor.

APPLICATION

Because IPDI has relatively low reactivity, this hardener provides a long pot life. It is generally recommended to blend WD-8660A with an HDI-type water-dispersible isocyanate for waterborne two-component polyurethane systems. WD-8660A typically accounts for 25% to 50% of the total hardener dosage.

PRODUCT PARAMETERS

Product Item	Specification	Unit
Appearance	Water-white to slightly yellow transparent viscous liquid	**/**
Color (Fe-Co)	≤ 1	**/**
NCO Content	8.7 ± 0.5	**%**
Free HDI/IPDI Content	≤ 0.5	**%**
Solids Content	60.0 ± 2.0	**%**
Viscosity (Rotational viscometer, 25°C)	1000 ± 600	**mPa·s**

INSTRUCTIONS FOR USE

1. This product may be diluted with urethane-grade solvents such as PMA (propylene glycol methyl ether acetate) and PGDA (propylene glycol diacetate).

2. This product is highly sensitive to moisture in the air. When opening the container or repacking into smaller containers, prevent moisture from entering. Reseal immediately after use or use the product as soon as possible.

PACKAGING & STORAGE

1. 10 kg, 20 kg, 60 kg, or 200 kg iron drums; customized packaging is available.

2. Store in a cool, dry environment and avoid outdoor storage. Shelf life is 6 months in the original sealed package.

DISCLAIMER: This technical data sheet is prepared based on actual test results and production experience using advanced testing equipment. Since working conditions and material combinations in actual applications are beyond our control, users should conduct testing, evaluation, and trial use according to their actual requirements and intended applications before using this product. The company assumes no responsibility for losses or risks arising from the user's use of this product based on this technical data sheet.