



## Technical Data Sheet

**Model: CUBD-NM01**

**Product Category: Abrasion-Resistant Agent**

CUBD-NM01 is a high-performance abrasion-resistant agent for casting polyurethane in wide applications.

<b>Typical Properties</b>	Appearance	Colorless-yellowish slightly misty liquid
	Density (g/cm <sup>3</sup> , 25°C)	0.974
	Viscosity (mPa.s, 25°C)	200±50
<b>Solubility</b>	Insoluble in water, soluble in normal polyurethane raw materials (polyester/polyether polyol, plasticizer)	
<b>Applications</b>	CUBD-NM01 is recommended to CPU elastomers and elastic coatings, especially for various polyurethane wheels, rubber rollers, heels and soles, etc.	
<b>Advantage Descriptions</b>	<ul style="list-style-type: none"><li>➤ CUBD-NM01 can reduce both inside and surface friction coefficient obviously because of self-lubrication and appropriate compatibility with macromolecule polymer, which is useful to reduce abrasion loss.</li><li>➤ The transmittance and transparency of materials will be influenced slightly of using CUBD-NM01. Please test before using in case of high transparency requirement.</li></ul>	
<b>User's Guide</b>	<ul style="list-style-type: none"><li>➤ CUBD-NM01 can be added into both isocyanates and polyols component, normally suggesting to be added into polyols component and stirring well.</li><li>➤ Levels of 0.5-2% as supplied by weight on total volume can reduce 20-60% of abrasion loss comparing to blank test.</li></ul>	
<b>Handling &amp; Storage</b>	Exposure to atmosphere should be avoided. Product should be stored in a cool, dry environment away from sunlight and excessive heat.	
<b>Package</b>	25kg/200kg in HDPE drum	
<b>Shelf Life</b>	Unopened shelf life is 12 months from the date of manufacture.	

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