

## Technical Data Sheet:BW4313

<b>Introduction</b>	<p>BW4313 is a hexafunctional polyurethane acrylate resin with both hydrophilic and lipophilic properties. It can be diluted with alcohols, esters, or water. It features fast curing speed, high hardness, high gloss, excellent scratch and abrasion resistance, and good solvent resistance. It is particularly suitable for UV roll-coating, UV wood coating, and UV plastic varnishing applications.</p>	
<b>Specification</b>	Functionality(theoretical value)	6F
	Appearance (Visual inspection/25°C)	Colorless to slightly yellow transparent liquid
	Viscosity (CPS/60°C)	10000-30000
	Active Content (%)	95±2
	Color (APHA)	≤ 120
	*This data is for reference only. The product specifications to be followed shall be subject to the final released information.	
<b>Characteristic</b>	<p>Hydrophilic and lipophilic properties                      High solid content, low viscosity                      High hardness                      Excellent scratch and abrasion resistance                      Good solvent resistance</p>	
<b>Application</b>	Wood coatings, Plastic coatings, Paper coatings	
<b>Packaging</b>	20kg per drum      200kg per drum	
<b>Storage</b>	Resin should be stored in a properly sealed container at 5-45°C. Under these conditions, the storage stability of this product is 6 months.	
<b>Safety and Cautions</b>	<ol style="list-style-type: none"> <li>1. Avoid contact with skin, eyes and clothing. Please wear protective gloves when operating.</li> <li>2. In case of accidental contact with skin, eyes or clothing, please wash with soapy water (for eyes, rinse with plenty of water and seek medical attention).</li> <li>3. For detailed instructions, please refer to the Material Safety Data Sheet (MSDS).</li> <li>4. Each batch of goods must be inspected before being put into production.</li> </ol>	

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**Notes:**The technical data provided represent typical values only. Unless otherwise expressly agreed in writing, they should not be regarded as specifications or guaranteed values. Due to variations in formulations, production processes, and application conditions, all statements must be adjusted to the user's actual situation. Our company reserves the right to modify its products without prior notice

