

5040

Sodium Salt Dispersant

Product Description

5040 is a sodium salt dispersant based on an acrylic acid-maleic anhydride copolymer[cite: 395]. It is specifically engineered to significantly mitigate water separation and stratification issues while enhancing hiding power, color development, color fullness, freeze-thaw stability, and providing a fine in-can appearance[cite: 396]. Furthermore, it notably improves both the adhesion and penetrating power on various inorganic substrates[cite: 396].

Product Features

- Strong dispersing capabilities[cite: 398].
- High color development performance[cite: 399].
- Excellent freeze-thaw stability[cite: 400].

Physical Properties*

Properties	Value	Unit	Test Method
Appearance	Slightly yellowish transparent liquid	—	Visual
Solid Content	40 ± 2	wt%	GB/T 20623-2006
pH	6.0 - 8.0	—	GB/T 20623-2006
Viscosity	50 - 500	CPS	Brookfield DV-S, 2#, 30rpm, 25°C

*Note: *The properties listed above represent typical results only and should not be construed as product specifications[cite: 401, 403]. Please refer to the specific Certificate of Analysis (COA) for official specifications[cite: 403].*

Storage

Please store this product in a cool, dry place away from direct sunlight[cite: 405]. The storage temperature should be maintained between 5°C and 35°C, keeping the original packaging completely intact[cite: 405].

The product has a shelf life of six months from the date of manufacture[cite: 405]. If the product exceeds its shelf life, a performance evaluation is highly recommended before actual use[cite: 405]. Once the packaging is opened, it is recommended to filter the liquid properly before application and consume it as quickly as possible[cite: 405].

Disclaimer

Shandong Sanjia Polymer Material Co., Ltd. strongly recommends that customers handle and use this product safely and rationally in accordance with the detailed information provided in the Material Safety Data Sheet (MSDS)[cite: 406]. While we believe the recommendations and data contained herein are true and reliable, the contents of this Technical Data Sheet are provided for reference purposes only[cite: 406]. We offer no warranties, whether express or implied, regarding product characteristics, applications, quality, safety, product specifications, merchantability, or fitness for a particular purpose[cite: 406].

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