

Formolon® 38

Polyvinyl Chloride Homopolymer

Formosa Plastics Corporation, U.S.A.

Message:

F-28 is a high molecular weight PVC homopolymer dispersion resin which exhibits low paste viscosities as well as low residual surfactant content. This product was designed for a diversity of application such as dip coating, slush molding, rotocasting, organosols and other areas where high strength properties are essential.

| General Information | |
|---------------------|-----------------------|
| Features | Dispersible |
| | High Molecular Weight |
| | High Strength |
| | Homopolymer |
| | Low Residuals |
| | Low Viscosity |
| Uses | Fabric Coatings |
| Agency Ratings | EC 1907/2006 (REACH) |
| Forms | Pellets |
| Processing Method | Coating |
| | Rotational Molding |
| | Slush Molding |

| Physical | Nominal Value | | Test Method |
|------------------------------|---------------|------|-------------|
| K-Value | 75.0 | | |
| Inherent Viscosity | 1.2 | | ASTM D1243 |
| Relative Viscosity | 2.65 | | |
| Brookfield Viscosity | | | |
| -- ¹ | 4.50 | Pa·s | |
| -- ² | 7.00 | Pa·s | |
| Sever Viscosity ³ | 7.00 | Pa·s | |
| Gel Temperature | 82 | °C | |
| Methanol Extractables | 1.4 | % | ASTM D2222 |
| Volatiles | 0.30 | % | ASTM D3030 |

| NOTE | | | |
|------|---------------------|--|--|
| 1. | 20 rpm, aged 2 hr | | |
| 2. | 2 rpm, aged 2 hr | | |
| 3. | 100 psig, aged 2 hr | | |

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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