# TPC PVC SG71Z

### Flexible Polyvinyl Chloride

Thai Plastics and Chemicals Public Company Limited

#### Message:

Polyvinyl Chloride Homopolymer having high molecular weight and specialty low fish eye for flexible PVC, produced by Suspension Polymerization Process.

| General Information |                           |
|---------------------|---------------------------|
| Features            | Good Flexibility          |
|                     | High Molecular Weight     |
|                     | Homopolymer               |
|                     |                           |
| Uses                | Automotive Exterior Trim  |
|                     | Automotive Interior Trim  |
|                     | Electrical Parts          |
|                     | Fabrics                   |
|                     | Film                      |
|                     | Furniture                 |
|                     | Hose                      |
|                     | Profiles                  |
|                     | Sheet                     |
|                     | Stretch Wrap              |
|                     | Toys                      |
|                     | Wire & Cable Applications |
|                     |                           |
| Processing Method   | Calendering               |
|                     | Extrusion                 |
|                     | Film Extrusion            |
|                     | Injection Molding         |
|                     | Profile Extrusion         |
|                     | Sheet Extrusion           |
|                     |                           |

| Physical         | Nominal Value | Unit                      | Test Method     |
|------------------|---------------|---------------------------|-----------------|
| Apparent Density | 0.45 to 0.55  | g/cm³                     | ISO 60          |
| K-Value          | 70.0 to 72.0  |                           | DIN 53726       |
| Sieve Analysis   |               |                           | ASTM D1921      |
| 1                | > 90          | %                         |                 |
| 2                | < 2.0         | %                         |                 |
| Volatile Matter  | < 0.30        | %                         | ISO 1269        |
| Fish Eye         | < 20.0        | point/150 cm <sup>2</sup> | Internal Method |

| Impurities         | < 20.0                 | specks/100 sq. | ISO R 1265      |
|--------------------|------------------------|----------------|-----------------|
| Electrical         | Nominal Value          | Unit           | Test Method     |
| Volume Resistivity | > 3.0E+13              | ohms·cm        | Internal Method |
| NOTE               |                        |                |                 |
| 1.                 | Retained on 75 micron  |                |                 |
| 2.                 | Retained on 250 micron |                |                 |

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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

