

Formolon® 622

Rigid Polyvinyl Chloride

Formosa Plastics Corporation, U.S.A.

Message:

F622 is a medium-low molecular weight PVC homopolymer designed primarily for rigid extrusion applications, but it is also suitable for many flexible applications. This product has high bulk density and excellent dry flow characteristics, making it desirable for dry blending applications where uniform feed rate to an extruder is important.

| General Information | |
|---------------------|-------------------------|
| Features | Homopolymer |
| | Medium Molecular Weight |
| Uses | Conduit |
| | Piping |
| Agency Ratings | EC 1907/2006 (REACH) |
| Forms | Pellets |
| Processing Method | Extrusion |
| | Pipe Extrusion |

| Physical | Nominal Value | Unit | Test Method |
|---------------------------------|---------------|-------------------|-----------------|
| Apparent Density | 0.52 | g/cm ³ | ASTM D1895 |
| K-Value | 65.0 | | |
| Contamination ¹ | 40 | | |
| Inherent Viscosity | 0.90 | | ASTM D1243 |
| Relative Viscosity | 2.15 | | ASTM D1243 |
| Sieve Analysis | | | |
| 200 Mesh | 15 | % | |
| 40 Mesh | 100 | % | ASTM D1921 |
| ASTM Classification | GP4-15000 | | ASTM D1755 |
| Residual Vinyl Chloride Monomer | 5 | ppm | Internal Method |
| Volatiles | 0.30 | % | ASTM D3030 |

| NOTE | |
|------|--------------|
| 1. | OCS per 100g |

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