



Roscom PVC 201FLR-85 Natural

Roscom, Inc. - Flexible Polyvinyl Chloride

General Information

Product Description

ROSCOM PVC 201LFR-85 is a flexible vinyl formulation designed for both extrusion and injection molding. This compound features high heat stability and lubrication for trouble-free, consistent processing, with a high gloss finish. Typical applications range from automotive parts, key tags and extruded tubing and profiles. 201LFR-85 is also UL 94 VO rated.

General

| | | | |
|-------------------|---|--|--|
| Features | <ul style="list-style-type: none"> • Good Flexibility • Good Processability | <ul style="list-style-type: none"> • Good Thermal Stability • High Gloss | <ul style="list-style-type: none"> • Lubricated |
| Uses | <ul style="list-style-type: none"> • Automotive Applications | <ul style="list-style-type: none"> • Profiles | <ul style="list-style-type: none"> • Tubing |
| Appearance | <ul style="list-style-type: none"> • Natural Color | | |
| Processing Method | <ul style="list-style-type: none"> • Extrusion | <ul style="list-style-type: none"> • Injection Molding | |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|--------------------------------------|---------------|------|-------------|
| Density / Specific Gravity | 1.28 to 1.32 | | ASTM D792 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress (100% Strain) | 565 | psi | ASTM D412 |
| Tensile Strength (Yield) | 1500 | psi | ASTM D412 |
| Tensile Elongation (Break) | 400 | % | ASTM D412 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 70 to 100 | | ASTM D2240 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -40.0 | °F | ASTM D412 |
| Flammability | Nominal Value | Unit | Test Method |
| Flame Rating | V-0 | | UL 94 |