

Five Plus™ CPP30T

Polypropylene Copolymer

Noble Polymers

Message:

30% Talc Filled CoPolymer Polypropylene

Noble Polymers FivePlus series of filled polypropylene compounds offers processors a wide range of filler and physical properties options. FivePlus compounds are available with your choice of mineral fillers. FivePlus filled polypropylene compounds provide a unique balance of physical properties and ease of processing. A full range of flexural modulus, impact and other physical property options allows you to customize a solution to meet your specific application's needs.

FivePlus compounds are used in automotive, heavy truck, consumer goods, building and construction and many other industries for applications such as brackets, housings, trim panels and other applications that require a balance of durability, dimensional stability and processability.

Features Include:

Filler range from 10 - 40%

Available in natural, black or custom colors

Additive packages include: UV stabilization, heat stabilizers and scratch and mar resistance

Can be formulated utilizing reprocessed base materials

Formulations available for extrusion processes upon request

Customized formulations available to meet your specific need

All FivePlus products are 100% recyclable

| General Information | | | |
|---|---------------------------|-------------------|-------------|
| Filler / Reinforcement | Talc,30% Filler by Weight | | |
| Features | Copolymer | | |
| | Recyclable Material | | |
| Uses | Automotive Applications | | |
| | Building Materials | | |
| | Construction Applications | | |
| | Consumer Applications | | |
| | Housings | | |
| Appearance | Black | | |
| | Colors Available | | |
| | Natural Color | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.14 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 14 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 24.5 | MPa | ASTM D638 |
| Flexural Modulus | 2730 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 75 | J/m | ASTM D256 |

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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

