



## Technical Datasheet

### Product: Polypropylene Filled With 20% Talc

### Grade: C1PP-20T-N

#### Product Description:

C1PP-20T-N is a virgin polypropylene filled with 20% talc. This compound has been specifically designed for extrusion process.

#### Applications:

- Home appliance.
- Electrical goods.

#### Appearance:

Polymer Host	PP
Appearance	Granule
Color	Natural
Talc Content	20%

#### Physical, Mechanical and Thermal Properties:

Properties	Unit	Value	Standard
MFI (230°C , 2.16 Kg)	g/10min	3.5	ASTM D1238
Specific Gravity	g/cm <sup>3</sup>	1.04	ASTM D792
Tensile Strength (50 mm/min)	MPa	33	ASTM D638
Flexural Modulus	MPa	2500	ASTM D790
Izod Notched Impact Strength	J/m	65	ASTM D 256
Vicat Softening Point (@ 50KN , 120°C/hr)	°C	120	ASTM D1525

**Processing Temperature:** The recommended processing temperature is 180 to 220 °C.

**Recommendation:** It should be degassed properly before using.

**Note:** The information provided in this data sheet is based on our present state of knowledge and is estimated by Payesh C1 Polymer Co.. This information should not be used as guaranteeing specification limits. Payesh C1 Polymer Co. make no warranty and liability in connection with any use of this information.