

## DATA SHEET FOR C30G

Application:  
molded technical and domestic articles.

QUALITY	VALUE	TEST METHOD
1. Flow-melt index (at 2.16 kg/230°C), g/10 min, in the range	4.5 – 7.0	ASTM D1238/L
2. Flexural modulus, MPa, min.	1350	ASTM D 790
3. Izod impact strength (at 23 °C), J/m, min.	30	ASTM D 256
4. Tensile strength at yield point, MPa, min.	34	ASTM D 638
5. Elongation at yield point, %, min.	10	ASTM D 638

### Additional reference ratings

QUALITY	VALUE
1. Density, kg/m <sup>3</sup>	900
2. Packed density of pellets, kg/m <sup>3</sup>	480-520
3. Mass fraction of ash, %	0.025-0.050
4. Thermal-oxidative aging resistance at 150°C, h	360
5. Vicat softening point in liquid medium under force 10 H, °C	150-154
6. Thermal creep temperature at load 0.46 H/mmf, °C	90-96
7. Rockwell hardness, R	82-95

## Packaging:

Product is packed into polyethylene or polypropylene bags (one bag net weight 25.00 ± 0.25 kg) and bundled on flat pallets with shrink film. Gross weight of a bundle is max 2 t.

PP may be packed into soft containers (big bags) sized for 400-1000 kg.

Upon agreement with a customer, PP pellets may be loaded unpacked straight into wagons for pelleted polym materials and polymer truck-carriers, as well as may be delivered in bags by railcars.

## Transportation

By all modes of transport.

## Storage:

Polypropylene shall be stored in enclosed dry space preventing from direct sun rays, on shelves or pallets at least 5 cm from the floor, and at least 1 m from heaters, at temperature and relative humidity max

80%

Prior to processing, bags with polymer shall be kept for at least 12 hrs in production area.

