

## POLYPROPYLENE PP 8300G (EPYS30RE)

<b>Polypropylene PP 8300G</b>	Product of copolymerization of propylene and ethylene in presence of complex metalorganic catalysts
<b>Application</b>	Blow molding, extrusion and thermal molding, food contact materials
<b>Chemical name</b>	Propylene and Ethylene block copolymer
<b>Empiric formula</b>	$[-CH_2CH(CH_3)-]_n [-CH_2CH_2-]_m$

**Technical specification** TU 20.16.51-136-05766801-2015

PROPERTY	VALUE	TEST METHOD
Melt flow rate (at 2.16 kg/230°C), g/10 min, in the range	1.0 – 2.0	ASTM D1238/L
Flexural modulus, MPa, min	1150	ASTM D 790
Izod impact strength, J/m, min at 23 °C at -20 °C at -40 °C	500 50 Not determined	ASTM D 256
Tensile strength at yield, MPa, min	Not rated	ASTM D 638
Elongation at yield %, min	Not rated	ASTM D 638

### ADDITIONAL REFERENCE RATINGS

PROPERTY	VALUE
Density, kg/m <sup>3</sup> 900	900
Packed density of pellets, kg/m <sup>3</sup>	480 - 600
Mass fraction of ash, %	0.025 - 0.050
Thermal-oxidative aging resistance at 150 °C, h	360
Vicat softening point in liquid medium under force 10 N, °C	126 - 150
Heat distortion temperature at load 0.46 N/mm <sup>2</sup> , °C	64 - 90
Rockwell hardness, R	40 - 88

<b>Supply form</b>	Pellets
<b>Packaging</b>	Product is packed in 25kilo polyethylene bags and shrink-wrapped on pallets. Gross weight of a bundle is max 2mt. PP may be packed in big bags sized for 400-1000 kg
<b>Transportation</b>	All types of covered transport
<b>Storage</b>	In closed room on shelves or pallets, minimum 2" above the floor and minimum 4 feet from heaters, away from direct sunlight at temperature max 30°C and relative humidity max 80%. Prior to processing, bags with polymer shall be kept in production area for at least 12 hrs

The information herein is based on our data compiled and believed to be reliable on the revision date. This specification does not relieve the Customer from liability for checking the product for compliance with the proposed application. The manufacturer is not responsible for any losses or damages that may arise due to application of this information