

## PP-Co EPX-548T Technical Datasheet

### 1) Product Description:

EPX-548T is a high melt flow rate, nucleated heterophasic copolymer with a special antistatic additivition used for thin-wall injection molding, IML and houseware applications.

The product features improved balance of mechanical properties. The use of EPX-548T allows high productivity due to the easy mold filling and short cycle times.

In comparison with conventional copolymers with the same MFR and the same toughness, EPX-548T exhibits 15% higher rigidity.

EPX-548T is suitable for food contact.

### 2) Applications:

TWIM/IML food containers (Margarine tubs, yoghurt pots, pots for soft cheese, pudding, etc.)

Housewares Caps and closures Flower pots and cool boxes Sports, leisure and toys.

### 3) Typical data:

Property	Test method	Unit	value
Melt Flow Rate (230 °C, 2.16 kg)	ASTM D1238	g/10min	50
Density	ASTM D1505	g/m <sup>3</sup>	0.9
Flexural Modulus	ASTM D790	MPa	1450
Tensile Strength at Yield	ASTM D638	MPa	26
Tensile Elongation at Yield	ASTM D638	%	5
Izod Impact Strength (notched) at 23 oC	ASTM D256	J/m	65
Izod Impact Strength (notched) at -20 oC	ASTM D256	J/m	40
Vicat softening point (10N)	ASTM D1525	°C	155
H.D.T. (0.46 MPa)	ASTM D 648	°C	105
Accelerated oven ageing in air at 150 oC	ASTM D3012	hours	360

\* Typical values not to be construed as specifications.