

GRADE NAME: EPX-548T

Description: "Jampilen EPX-548T" is a high melt flow rate, nucleated heterophasic copolymer with a special antistatic additivation used for thin-wall injection molding, I ML and houseware applications. The product features improved balance of mechanical properties. The use of "Jampilen 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 die same toughness, "Jampilen EPX-548T" exhibits 15% higher rigidity. "Jampilen EPX-548T" is suitable for food contact.

Processing Method: Injection molding

Features: High fluidity

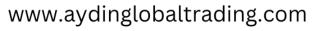
Easy mold filling and short cycle times Desirable impact¹' stiffness balance

Good dimensional stability

Unspecified antistatic properties Heterophasie copolymer.









Typical 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

Approval: Food

| TYPICAL PROPERTIES | VALUE | UNIT | METHOD |
|--|-------|----------|---------------|
| Melt Flow Rate (230 X\ 2.16kg) | 50 | gr/10min | A STM D 12.38 |
| Density | 0.9 | r/cm³ | ASTMD1505 |
| Flexural Modulus | 1500 | МРа | A STM D790 |
| Tensile Strength at Yield | 28 | МРа | A STM D638 |
| Tensile Elongation at Yield | 5 | % | ASTMD638 |
| Izod Impact Strength (notched) at 23 X" | 60 | J/m | A STM D256 |
| Izod Impact Strength (notched) at -20 °C | 30 | J/m | AS I M D256 |
| Rockwell Hardness | 100 | R Scale | ASTMD785 |
| Vicat softening point (ION) | 151 | °C | A STM D1525 |
| H.D.T. (0.46 MPa) | 95 | °C | A STM D648 |
| Accelerated oven ageing in air al 150 °C | 360 | hours | A STM D3012 |







