



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/cm ³	ASTMD1505
Flexural Modulus	1500	MPa	A STM D790
Tensile Strength at Yield	28	MPa	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