

## 548R

### Heterophssic copolymer

#### Description

EP548R is anucleated,antisitic formulated,high fluidity hetrphoasic copolymer used for thin-walled injection molding.Items made with " EP548R" exhibit highg stiffness,relatively good impact resistance and excellent antistatic properties.Due to its excellent moldability and short cycle times,"EP548R" allows high productivity rates.The finished items show good mechanical properties,and high dimensional stability.

EP548R Is very well suited for the production of thin-walled articles or articles with long flow paths such as flower pots, containers,housewares,filters,filter housings and appliance components.

EP548R is suitable for food contact.

#### Processing Method

Injection molding

Features

Good impact strength

High stiffness

Excellent antistatic properties

Excellent mold ability and short cycle times

Heterophasic copolymer

#### Typical Application

Thin-walled articles

Articles with long flow path such as flower pots,containers,housewares,filters,filter housings and appliance components sports,Leisure and toys

#### Approval

Food

Properties	Value	Unit	Method
Mtle Flow Rate(230 c°,2.16 kg)	21	g/10min	ASTM D1238
Denisty	0.9	g/cm3	ASTM D1505
Flexural Modulus	1500	Mpa	ASTM D790
Tensile Strength@yield	27	Mpa	ASTM D638
Tensile Elonation@yield	7	%	ASTM D638
Izod Impact Strength(notched)@23c°	85	J/m	ASTM D256
Izod Impact Strength(notched)@ -20c°	50	J/m	ASTM D256
Rokwell Hardness	98	R Scale	ASTM D785
Vicat softening point(10N)	149	C°	ASTM D1525
H.D.T.(0.46Mpa)	110	C°	ASTM D648
Accelerated oven ageing in air @150c°	360	hours	ASTM D3012