Resirene

Custom Solutions, **Solid Partnerships**

cet®

TECHNICAL
COMPOUNDS

CET® Transparent copolymers (SMMA and MBS)

Clarity and processability

Resirene's family of **transparent resins CET®** is designed using a styrene-acrylic copolymer base (SMMA). These copolymers offer an excellent balance from their individual components benefits: the versatility and ease of processing of styrenic polymers along with sparkling clarity from acrylics.

Our SMMA copolymers are susceptible to be improved by incorporation of impact modifiers in order to obtain ductility and an improved impact resistance, while maintaining high transparency. Based on application's quality and performance needs, the impact modifier incorporation can be done just by dry-blending or by compounding thus obtaining an acrylic-butadiene-styrene compound (MBS).

Applications and markets covered by **Resirene's CET®** product series range from household items, point-of-purchase displays, promotional items, to health care and medical.

CET ® product series

SMMA COPOLYMERS

Grade	Melt Flow Index (200°C/5 kg) g/10 min	Break @ Elongation	Tensile strength @ Break	Light transmittance	Applications
CET® 116	3	3%	8.0 kpsi (55MPa)	92%	- Household items - Drinkware - Cosmetic packaging - Medical
CET® 123	3	2%	8.6 kpsi (59 MPa)	92%	

IMPACT MODIFIED SMMA (MBS)

Grade	Melt Flow Index (200°C/5 kg) g/10 min	Break @ Elongation	Tensile strength @ Break	Light transmittance	Applications
CET® 230	6	60%	4.0 kpsi (28 MPa)	88%	- Household items - Drinkware - Promotional items - Tissue and soap dispensers - Cosmetic packaging
CET® 240	6	70%	3.6 kpsi (25 MPa)	87%	
CET® 250	7	160%	3.2 kpsi (22 MPa)	87%	
CET® 265	9	280%	3.0 kpsi (21 MPa)	87%	

CET® Transparent copolymers (SMMA and MBS)

SMMA/SBC Blends (dry-blend)

Grado	Melt Flow Index (200°C/5 kg) g/10 min	Break @ Elongation	Tensile strength @ Break	Light transmittance	Applications
CET® 231 DB	5	10%	7.1 kpsi (49 MPa)	90%	- Cosmetic packaging - Household items - Drinkware
CET® 241 DB	6	36%	3.7 kpsi (26 MPa)	90%	
CET® 251 DB	7	43%	3.0 kpsi (23 MPa)	90%	

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DESC 50 YEARS
CREATING VALUE

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