

TRANSPARENT COMPOUNDS

These products are engineered thermoplastic compounds known for their optical properties. They can be customized with additives to enhance specific characteristics, such as UV resistance, flame retardancy, or tailored transparent colors.



CHARACTERISTICS

- Highly reflective colorants
- Cost effective replacement for painted, plated or metal parts.
- Clear transparency
- High mechanical properties
- Color Stability
- Good Processability

APPLICATIONS

- Glass shelf frame of refrigerator
- Electrical LED Cover
- Washing machine Door window
- Automotive lamps
- Electronic Remote control



Properties	Description	Color	MFI (200°C, 5kg)	Tensile Strength	Tensile Strength@Break	Izod Impact Strength
Test Method	-	visual	ASTM D 1238-10	ASTM D 638	ASTM D 638	ASTM D 256
Unit	-	-	g/10 min	MPa	%	j/m
Transparent compounds						
CO103200	UV Resistance PMMA	Red	3.2	68	8	20
CO41000	IR PC	Smoky	19	67	100	750
CO40108	Light Diffuser PC	White	10	65	80	680
CO121300	Colored MABS	Blue	16	50	27	110
CO120102	Light Diffuser MABS	White	14	52	29	105
CO63000	Colored PS	Pink	11	39	4	18
CO60102	Light Diffuser PS	White	10	40	5	17

VERCELL GmbH

Papenreye 22

D-22453 Hamburg, Germany

Phone +49 (0) 40 8550 6421

Mobile/ WhatsApp +49 (0) 173 6788523

Mail info@vercell.euWeb www.vercell.eu