

TERIBLEND/TERICARB

ABS Polycarbonate	Conditions	Test Method	Units	CARB 2005	CARB 2010	CARB 2916	CARB 2016 OPALE	BLEND 2800	BLEND 3800	BLEND 4800
Physical Properties										
Melt flow index	300°C 12 kg 260°C 5 kg	ASTM D 1238	g/10 min	6	12	20	17	20	20	13
Density	23°C	ASTM D 792	g/cm ³	1.2	1.2	1.2	1.2	1.11	1.13	1.15
Linear Shrinkage	-	ASTM D 955	%	0,5-0,7	0,5-0,7	0,5-0,7	0,5-0,7	0,5-0,7	0,5-0,7	0,5-0,7
Mechanical Properties										
Tensile strength at yield	-	ASTM D 638	Mpa	62	62	62	62	54	59	62
Tensile strength at break	-	ASTM D 638	Mpa	60	60	60	60	42	47	50
Tensile elongation at break	-	ASTM D 638	%	>50	>50	>50	>50	40	>50	50
Flexural Modulus	-	ASTM D 790	Mpa	2500	2500	2500	2500	2200	2300	2400
Notched impact strength	23°C	ASTM D 256	J/m	600	600	600	120	480	500	500
Notched impact strength	0°C	ASTM D 638	J/m	500	500	500	100	420	470	450

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Thermal Properties										
Vicat softening point	9,8N 50°C/ hour	ASTM D 1525	°C	150	150	150	150	125	135	142
Vicat softening point	49 N 50°C/ hour	ASTM D 1525	°C	145	144	144	145	113	125	132
Bali pressure test		I.E.C. 355-1	°C	135	135	135	135	-	-	-
Flame Resistance										
At-Fire behaviour	thickness 1,6mm	UL 94	Class	HB	V2	V2	V2	HB	HB	HB
At-Fire behaviour	thickness 3,2mm	UL 94	Class	V2	V2	V2	V2	HB	HB	HB
Glow wire test	thickness 2,0mm	I.E.C. 695-2-1	°C	850	850	850	850	750	750	750

Main Features

TERICARB 2005	TERICARB 2010	TERICARB 2916	TERICARB 2016 OPALE	TERIBLEND 2800	TERIBLEND 3800	TERIBLEND 4800
<ul style="list-style-type: none"> • PC suitable for injection and extrusion • high impact resistance • transparent, opaque or opalescent. 	<ul style="list-style-type: none"> • PC general purpose, • high impact resistance • transparent, opaque or opalescent 	<ul style="list-style-type: none"> • PC general purpose • high melt flow rate • high impact resistance • transparent, opaque or opalescent 	<ul style="list-style-type: none"> • Opal PC light diffusive • injection moulding grade 	<ul style="list-style-type: none"> • PC-ABS blend • high gloss • good impact resistance also at low temperatures 	<ul style="list-style-type: none"> • PC-ABS blend • high impact resistance • high thermal resistance 	<ul style="list-style-type: none"> • PC-ABS blend • high impact resistance • high thermal resistance

Main Appliances

TERICARB 2005	TERICARB 2010	TERICARB 2916	TERICARB 2016 OPALE	TERIBLEN D 2800	TERIBLEN D 3800	TERIBLEN D 4800
Packaging, sheets, profiles, pipes empty bodies for lighting and hooks support.	Electrical and electronics, lighting, home furnishings, appliances and helmets	Car headlights, windscreen, motorcycle, pens, telephones and visor helmets.	Electrical and electronics, technical articles.	Cars, small appliances and technical articles.	Appliances and technical articles.	Cars and technical articles.

**All ASP products can be formulated and implemented according to specific requirements of the customer, including staining.
Advanced Systems Polymers SpA -Strada di Settimo,404, 10056 - Torino (TO)
Office: +39.011.22.41.352- Fax: +39.011.22.38.215**

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