

Flame retardant products

ABS Polystyrene Polycarbonate	Conditions	Test Method	Units	Terilan 0250 V0	Terilan 0120 V0	Teriblend 2800 V0	Teriblend 3800 V0 HT	Tericarb 2015 V0	Tericarb 2020 V0	Teristir H110 V0
Physical Properties										
Melt flow index	220°C 10 kg	ASTM D 1238	g/10 min	25	12	-	-	-	-	-
Density	23°C	ASTM D 792	g/cm ³	1.2	1.2	1.2	1.2	1.2	1.2	1.7
Linear Shrinkage	-	ASTM D 955	%	0,3-0,6	0,6-0,6	0,5-0,7	0,5-0,7	0,5-0,7	0,5-0,7	0,4-0,7
Mechanical Properties										
Tensile strength at yield	-	ASTM D 638	Mpa	40	41	50	70	65	65	26
Tensile strength at break	-	ASTM D 638	Mpa	33	33	48	60	55	55	22
Tensile elongation at break	-	ASTM D 638	%	4	7	40	>50	>50	>50	50
Flexural Modulus	-	ASTM D 790	Mpa	2500	2500	2600	2500	2500	2500	2100
Notched impact strength	23°C	ASTM D 256	J/m	130	90	550	550	550	500	100
Notched impact strength	0°C	ASTM D 638	J/m	110	70	500	500	500	450	70

Main Features

Terilan 0250 V0	Terilan 0120 V0	Teriblend 2800 V0	Teriblend 3800 V0 HT	Tericarb 2015 V0	Tericarb 2020 V0	Teristir H110 V0
<ul style="list-style-type: none"> • ABS flame retardant class V0 • PBDE free • good impact resistance • high gloss • good light resistance • excellent processability 	<ul style="list-style-type: none"> • ABS flame retardant class V0 with PBDE • good physical and mechanical characteristics • excellent processability 	<ul style="list-style-type: none"> • PC-ABS blend flame retardant class v0 • chlorine and bromine free • good light resistance • excellent mechanical properties • excellent processability 	<ul style="list-style-type: none"> • PC-ABS blend flame retardant class v0 • chlorine and bromine free • good light resistance • good thermal and mechanical properties • excellent processability 	<ul style="list-style-type: none"> • PC flame retardant class V0 • Antimony and PBDE free • opaque • high melt flow rate • high impact resistance • high thermo-resistance 	<ul style="list-style-type: none"> • PC flame retardant class V0 • Antimony and PBDE free • opaque • high melt flow rate • high impact resistance • high thermo-resistance 	<ul style="list-style-type: none"> • PS flame retardant class V0 with PBDE • suitable for injection moulding and extrusion processability

Main Appliances

Terilan 0250 V0	Terilan 0120 V0	Teriblend 2800 V0	Teriblend 3800 V0 HT	Tericarb 2015 V0	Tericarb 2020 V0	Teristir H110 V0
Electrical field and home furniture.	Electrical field and home furniture.	Automotive, electrical field and technical parts.	Automotive, electrical field and technical parts.	Electrical and electronic field technical parts, little domestic appliances.	Electrical and electronic field technical parts, little domestic appliances.	Electrical field TV shells.

All ASP products can be formulated and implemented according to specific requirements of the customer, including staining.
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