

ESTADIENE 1030 V0/Ex

Acrylonitrile Butadiene Styrene

Cossa Polimeri S.r.l.

Message:

ESTADIENE 1030 V0/Ex is an Acrylonitrile Butadiene Styrene (ABS) product. It can be processed by profile extrusion or sheet extrusion and is available in Europe. Typical application: Sheet.

Characteristics include:

- Flame Rated
- Flame Retardant
- Good Processability
- Good UV Resistance
- Halogen Free

General Information	
Features	Bromine Free
	Flame Retardant
	Good Processability
	Good UV Resistance
	High Gloss
	High Impact Resistance
Uses	Profiles
	Sheet
Forms	Pellets
Processing Method	Profile Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	38.0	MPa	
Break	30.0	MPa	
Tensile Elongation (Break)	6.0	%	ASTM D638
Flexural Modulus	2400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	180	J/m	
23°C	220	J/m	

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	102	°C	ASTM D1525 ¹
--	93.0	°C	ASTM D1525 ²
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.20 mm	V-0		
Glow Wire Ignition Temperature (2.00 mm)	960	°C	IEC 60695-2-13
NOTE			
1.	Rate A (50°C/h), Loading 1 (10 N)		
2.	Rate A (50°C/h), Loading 2 (50 N)		

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