



polimeri europa

Kostil ® Product Range Overview

Styrene-Acrylonitrile Copolymer

Properties	Test conditions	Test Method	Unit	B 266	B 366
General					
Density		ISO 1183	g/cm ³	1,07	1,07
Water absorption	24h - 23°C	ISO 62	%	<0,2	<0,2
Mechanical					
Tensile stress at yield	5 mm/min	ISO 527	MPa	-	-
Tensile stress at break	5 mm/min	ISO 527	MPa	67	66
Tensile strain at break	5 mm/min	ISO 527	%	2,5	2,2
Tensile modulus	1 mm/min	ISO 527	MPa	3550	3500
Flexural strength	2 mm/min	ISO 178	MPa	107	101
Charpy impact strength unnotched	23°C	ISO 179/2D	kJ/m ²	12	11
Rockwell hardness	M / scale	ISO 2039/2		M 83	M 83
Rheological					
Melt flow rate	220°C -10 kg	ISO 1133	g/10min	18	30
Thermal					
Vicat softening temperature	10N-50°C/h	ISO 306/A	°C	108	108
Vicat softening temperature	50N-50°C/h	ISO 306/B	°C	105	105
Flammability					
Flame behaviour	Thickness 1,5 mm	UL 94	class	HB	HB
Main processing technologies				Extrusion and injection moulding	Injection moulding
Main features				Standard grade	Easy flow grade
Typical Applications				Households and small appliances Refrigerator clear components Cosmetics packaging Medical and pharmaceutical items Copier, printer and fax components Lighting	Lighting Bathroom furnishing Catering cups and trays Stationery Toys Displays for point of sales Small appliances Cosmetic, medical and pharmaceutical items.

Per maggiori dettagli richiedere le relative schede tecniche e di sicurezza.

Le informazioni e i dati contenuti in questo documento sono indicazioni di massima che non costituiscono garanzia qualora l'acquirente non adempia agli obblighi e alle prescrizioni del caso.