

TECHNICAL DATASHEET

GENERAL			
Property	Method	Unit	HIPEX [®] A
Density	DIN EN ISO 1183-1	g/cm ³	1.33
Surface hardness	ISO 868	Shore D	50
MECHANICAL			
Property	Method	Unit	HIPEX [®] A
Flexural modulus	EN ISO 178	MPa	2500
Tensile strength	DIN EN ISO 527-2	MPa	>55
Coefficient of linear expansion	DIN EN ISO 75-2	mm/(m·K)	0,05
OPTICAL			
Property	Method	Unit	HIPEX [®] A
Light transmission	DIN 5036	%	>86
THERMAL			
Property	Method	Unit	HIPEX [®] A
Max. service temperature		°C	65
IMPACT STRENGTHS			
Property	Method	Unit	HIPEX [®] A
Impact strength – unnotched	ISO 179	kJ/m ²	no break
OTHERS			
Property	Method	Unit	HIPEX [®] A
Fire classification	EN 13501-1	Classification	B-s1, d0

Remark: These technical data of our products are typical ones; the actually measured values are subject to production variations.