



ASYBLEND 65 AE/V0 *flame retardant*

PC ABS ASYBLEND 65 AE/V0	test method		test condition	unit	values
	ASTM	ISO			
PHYSICAL PROPERTIES					
specific gravity	D792	1183	23° C	gr/cm ³	1,17
water absorption	D570	62	24 h/23° C	%	0,2
mold shrinkage	D955	294-4		%	0,4÷07
melt flow index	D1238	1133	220° C /10kg	gr/10'	15-30
melting point	D3146	11357		°C	-
MECHANICAL PROPERTIES					
tensile strength at yield	D638	527	23° C	MPa	45
tensile strain at break	D638	527	23° C	%	45
flexural modulus	D790	178	23° C	MPa	2400
flexural strength	D790	178	23° C	MPa	-
shear strength	D732	-	23° C	Mpa	-
Rockwell hardness	D785	2039/2	23° C	R scale	-
IZOD impact strength notched	D256	180	3,2 mm +23°C	J/m	350
THERMAL PROPERTIES					
Heat Deflection Temperature	D648	75	1,8 MPa	°C	90
VICAT softening temperature	D1525	306	10 N - 120°C/h	°C	115÷120
VICAT softening temperature	D1525	306	50 N - 120°C/h	°C	105÷120
FLAMMABILITY					
flame resistance 1,6 mm	UL94	-		class	V0
flame resistance 3,2 mm	UL94	-		class	V0
glow wire test	IEC 695-2-12	-		°C	960
ELECTRICAL PROPERTIES					
dielectric strength	D149	IEC 60243		KV/mm	38
dielectric constant	D150	IEC 60250	106 Hz		3,1
CTI Comparative Tracking Index		IEC 60112		V	225
SUGGESTED PROCESSING CONDITIONS					
mold temperature				°C	60÷80
molding temperature				°C	260÷275
drying process temp/time				°C/h	90÷100/2÷4

Specimens conditioning for >48 hours at 23° C / 50% R.H.

Data in this technical leaflet are coming from tests carried out in our internal lab on unpigmented and injected specimens, they show average values and they have to be considered as indicative only. Customers must ensure and satisfy themselves that the products to be purchased will fit for the particular purpose for which they intend to use them.

Altex s.r.l. accepts no liability for any of these values.