

INEOS Absolac[®] XT04M

Part Marking Code: ABS

Features : High flow、High heat resistance

Application : Automotive applications、Automotive exterior parts、Automotive interior parts、Appliance components、Lampshade、Housing、Hairdryer parts、Iron、Microwave oven housing

Physical property		Standard	Value	Unit
Density		ISO 1183	1040	kg/m ³
Melt Index	220°C 10kg	ISO 1133	10	g/10min
Hardness		Standard	Value	Unit
Rockwell Hardness	R(Scale)	ISO 2039	110	
Mechanical behavior		Standard	Value	Unit
Tensile Modulus	Flow	ISO 527	2800	MPa
Tensile Strength	Yield 23°C	ISO 527	53	MPa
Flexural Strength	23°C	ISO 178	75	MPa
Flexural Modulus	23°C	ISO 178	2850	MPa
Thermal		Standard	Value	Unit
HDT	1.8MPa Annealed at 80°C for 4 hours	ISO 75	99	°C
HDT	0.45MPa Annealed at 80°C for 4 hours	ISO 75	102	°C
Vicat Softening Temperature	120°C/hr 50N	ASTM D1525	102	°C