



US12060

POLYACETAL +20%TPU

IMPACT MODIFIED GRADE

APPLICATION : AUTOMOTIVE PARTS

Test Item	Test Method(ASTM)	Units	Result
Physical Properties			
Specific Gravity :	D792		1.36
Water Absorption 23'c, Water, 24h	D570	%	1.30
Molding Shrinkage 1/8	D955	%	1.7~2.0
Mechanical Properties			
Tensile 23'c	D638	kgf/∅	420
Elongation 23'c	D638	%	150
Flexural Strength 23'c	D790	kgf/∅	550
Flexural Modulus 23'c	D790	kgf/∅	15000
Izod Impact Strength	D256	kgf/cm/cm	18
Rokwell Hardness	D785		60
Thermol Properties			
Melting Point	DSC	□	-
Coefficient of Linear Thermal Expansion	D696	$\times 10^{-4}$ cm/cm/□	13
Heat Deflection Temp. 4.6kg/cm ²		□	135
18.6kg/cm ²		□	85
Flammability	UL94		HB
Electric Properties			
Dielectric Constant	D150	10 ⁶ Hz	-
Dielectric Dissipation Factor	D150	10 ⁶ Hz	-
Volume Resistivity	D257	Ω□cm	10 ¹⁵
Dielectric Strength	D149	KV/mm	-

notice : Above property data are typical values mesured by test standard, but not guarantied values.