Date: 2025/5/19

GroupCode : TEND57600

【Physical Properties Data】

Item	Unit	Value	Test Method
Specific Gravity	-	1.4	JIS K 7112 (MOD ISO1183)
Surface Hardness (Rockwell)	M scale	69	JIS K 7202
	R scale	119	
Tensile Stress at Yield	MPa	72	JIS K 7161-2-1B/50 (IDT ISO527-2)
Nominal Tensile Strain at Break	%	8	
Modulus of Elasticity in Tension	MPa	-	JIS K 7161-2-1B/1 (IDT ISO527-2)
Charpy Impact Strength(Notched)	kJ/m^2	2	JIS K 7111-1epA (MOD ISO179)
Flexural Stress	MPa	91	JIS K 7171 (MOD ISO178)
Flexural Modulus	MPa	3300	
Temperature of Deflection under Load	℃(0.45MPa)	-	JIS K 7191
	℃(1.80MPa)	-	
Vicat Softening Temperature	℃(methodA/10N)	-	JIS K 7206 (MOD ISO306)
	℃(methodB/50N)	71	
Dimensional Change on Heating (145℃/55min)	%(longitudinal)	-5	JIS K 7133 (IDT ISO11501)
	%(latitudinal)	-2	
Surface Resistivity	$10^X\Omega/\square$	6-9	JIS K 6911
Volume Resistivity	$10^X\Omega\cdot m$	>13	
Total light transmittance	%	54 / 51	JIS K 7161-1

【Other】 3.0mm/5.0mm

Item	Unit	Value	test method
Color	-	Transparent	-
Munsell No.	-	-	-

The above data are a series of test results with 5mm thick specimen and given here without guarantee.

C.I.TAKIRON Corporation
High Functional Materials Division