

DENKA SR-T-7H

ABS

Denka Company Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	11	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2200	MPa	ISO 527
Yield stress	44	MPa	ISO 527
Stress at break	34	MPa	ISO 527
Flexural modulus, 23°C	2100	MPa	ISO 178
Flexural strength	68	MPa	ISO 178
Charpy notched impact strength, +23°C	37	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 100	-	ISO 2039-2
ASTM Data			
Flexural Modulus	2100	MPa	ASTM D 790
Flexural Strength	65	MPa	ASTM D 790
Rockwell Hardness	R 106	-	ASTM D 785
Izod Impact notched, 1/8 in	363	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	78	°C	ISO 75-1/-2
Vicat softening temperature, B	98	°C	ISO 306
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Yellow Card available	yes	-	-
ASTM Data			
DTUL @ 264 psi	86	°C	ASTM D 648
Vicat Temperature	97	°C	ASTM D 1525
Other properties			
Density	1050	kg/m ³	ISO 1183
Density	1050	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

High impact or impact modified

Regional Availability

North America, Europe, Asia Pacific

Chemical Resistance

General Chemical Resistance