

Physical properties

TRADEMARK	DENKA AS
GRADE	AS-C-800
CHARACTERISTIC	AS resin / High Clear / Good heat stability / Injection

Properties	Methods	Conditions	Unit	<i>AS-C-800</i>
Melt Mass Flow Rate	ISO 1133	200deg.C 49N	g/10min	3
Tensile Modulus	ISO 527-1, -2	50mm/min	MPa	3600
Tensile stress at yield			MPa	-
Tensile stress at break			MPa	64
Nominal strain at break			%	<5
Flexural Modulus	ISO 178	2mm/min	MPa	3560
Flexural Strength			MPa	120
Charpy Impact Strength	ISO 179	Notched	kJ/m ²	1.5
Deflection temperature under load	ISO 75-1, -2	1.8MPa Flatwise	deg.C	84
Vicat Softing Temperture	ISO 306	50N	deg.C	106
Rockwell Hardness	ISO 2039-2	R-scale	-	83
Density	ISO 1183	23 deg.C	kg/m ³	1070
Trandparency		3mmt	%	90.2
Haze		3mmt	%	0.6

* The above values are typical and not guaranteed.