

Basic Properties

			NOTIO™ PN-2070	NOTIO™ PN-3560	NOTIO™ PN-0040	NOTIO™ PN-2060
Basic Physical Properties	MFR (230°C)	g/10min	7	6	4	6
	Density	kg/m ³	867	866	868	868
	Surface hardness (Shore A)	-	75	70	86	82
	TMA	°C	125	135	100	120
	Brittleness temperature	°C	-28	-28	-28	-28
Mechanical Properties	Yield strength	MPa	-	-	-	-
	Tensile strength at break	MPa	14	12	22	19
	Elongation at break	%	>800	>800	750	>800
	Young's modulus	MPa	16	12	42	25
	Permanent set	%	12	12	16	14
	Compression set (23°C)	%	20	20	25	23
	Compression set (70°C)	%	60	60	75	70
Optical Property	Haze	%	7	6	5	4

MFR :ASTM D1238
 Density :ASTM D1505
 Surface hardness (Shore A) :ASTM D2240
 TMA :Penetration temperature at load 2kgcm², needle 1mm φ (Mitsui Chemicals method)
 Brittleness temperature :ASTM D746
 Tensile test :JIS K7113-2
 Permanent set :Film thickness 0.3mm, measured after 150% expansion
 Compression set :Sheet thickness 12mm, 25% compression, 23°C·24hr
 Haze :Press molding sheet, thickness 2mm (measured in cyclohexanol)

Information contained herein is based on the material, information and data available at present. No warranty is given for any data or evaluation results contained herein. It is also assumed that the product is to be used normal conditions and with due precautions. If the product is to be used in any special manner, the user is requested to take proper safety measures to meet such new use or application.