



PHYSICAL PROPERTIES OF PARAPET

Properties	ISO No.			SA-F (Standard)			SA-N (Excellent in low temp)			SA-C (Softest)	
				SA-FP	SA-FW001	SA-FR201	SA-NP	SA-NW001	SA-NW201	SA-CP	SA-CW001
				Powder	Pellet	Pellet	Powder	Pellet	Pellet	Powder	Pellet
Optical											
Light transmission	ISO 13468-1	3mm	%	90	90	90	90	90	90	90	90
Haze	ISO 13468-1	3mm	%	1	1	1	2	2	2	2	2
Mechanical											
Hardness	ISO 48	-		A70	A70	A80	A70	A70	A90	A60	A60
Tensile strength at break	ISO 37	500mm/min	M Pa	10	10	14	12	12	14	9	9
Tensile elongation at break	ISO 37	500mm/min	%	200	200	200	200	200	170	240	240
100% modulus	ISO 37	M100	M Pa	5	5	8	7	7	11	4	4
Compression set	ISO 815	70°C 22hrs	%	45	45	70	50	50	75	45	45
Permanent set	ISO/DIS 2285	-	%	12	12	16	12	12	20	-	-
Abration resistance	ISO 9352	-	mg	50	50	95	95	45	220	-	-
Thermal											
MFR	ISO 1133	230°C 98.07N	g/10min	18	18	22	10	10	27	4	4
Other											
Density	ISO 1183	-	kg/cm ³	1.1	1.17	1.16	1.18	1.17	1.18	1.17	1.16
Coefficient of liner expansion		-	m/m · °C	2×10 ⁻⁴	2×10 ⁻⁴	2×10 ⁻⁴	2×10 ⁻⁴	2×10 ⁻⁴	2×10 ⁻⁴	2×10 ⁻⁴	2×10 ⁻⁴
Surface resistance		-	Ω	1015<	1015<	1015<	1015<	1015<	1015<	1015<	1015<

※These are typical values and should not be used to set specifications.

※All values were measured at 23°C