PODCAM SUPPLIES

EVA Technical Specifications

		Softest/Lowest Density					Hardest/Highest Density
Property (Test Method)	Units	EVA120	EVA190	EVA220	EVA260	EVA350	EVA400
Density (JIS K6767-1976)	kg/m^3	115-130	180-200	210-235	250-280	330-370	400+
Hardness (JIS C)	degrees	40-50	50-58	58-65	65-75	75-85	75+
Hardness (SHORE A)	degrees	26-32	31-39	36-43	39-53	43-58	53+
Tensile Strength (JIS K6767-1976)	kPa	1300	1800	2000	2300	3000	-
Tear Strength (JIS K6767-1976)	kN/m	6.00	10.00	11.0	12.0	18.0	-
Elongation @ Break (JIS K6767-1976)	%	120-170	150-200	150-200	170-220	250-300	-
Compression Set (JIS K6767-1976)	%	<5	<5	<5	<5	<5	<5
Compressive Strength (25%) (ASTM D 3575-91)	kPa	160	250	310	405	950	1070
Water Absorption (JIS K6767-1976)	g/cm^3	0.002	0.002	0.002	0.002	0.002	0.002
Thermal Conductivity (JIS K6767-1976)	W/m. C	0.047	0.052	0.055	0.058	0.064	-
Service Temperature	C	-70/+60	-70/+60	-70/+60	-70/+60	-70/+60	-70/+60