

汽車用連接器 1100 系列物性規格表-本色

Grade (規格)	1100-600S	1100-630S	1100-211LC1	1100-203S	1100-204C	1100-205S	1100-207S	1100-208HS	1100-220S	Unit	Test Method ISO
Melting Index @250°C, 2.16KG (熔融指數)	13.2	21.3	36.5	16.4	31.2	15.9	11.1	11.9	9.2	g/10min	ISO 1133
Melting viscosity @260°C (熔融黏度)	3110	2090	1410	2250	1660	2180	2300	1900	1870	poise	-
Tensile strength (引張強度)	53	56	56	52	53	51	48	47	38	MPa	ISO 527
Tensile elongation (引張伸長率)	140.0	66.2	13.7	40.8	17.4	32.1	70.2	16.3	25.4	%	ISO 527
Flexural strength (撓曲強度)	78	82	80	76	81	75	72	70	55	MPa	ISO 178
Flexural modulus (撓曲模數)	2080	2210	2200	2070	2190	2040	1920	1860	1470	MPa	ISO 178
Charpy impact strength-notched, 23°C (衝擊強度)	6.1	5.5	5.6	6.6	6.8	8.8	10.4	10.2	42.3	KJ/m ²	ISO 179
Charpy impact strength-notched, -40°C (48hr) (衝擊強度)	5.1	5.1	4.5	4.8	4.8	5.0	7.5	5.8	7.8	KJ/m ²	ISO 179
Density (密度)	1.30	1.30	1.30	1.29	1.29	1.28	1.29	1.27	1.22	-	ISO 1183
Heat deflection temperature under load 18.6 kg/cm² (熱變形溫度)	60	60	60	60	60	60	60	58	55	°C	ISO 75