



# PETROCHEMICALS (MALAYSIA) SDN. BHD.

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## IDEMITSU PS Property Table

Test Item	Method	Unit	ET63	HT57M	HT50	IT43	MS500
MFR	ISO 1133	g/10min	2.5	3.2	3.5	8.2	4.7
Density	ISO 1183	Kg/m <sup>3</sup>	1040	1040	1040	1040	1040
Tensile Strength	ISO 527-1	MPa	28	36	34	27	36
Tensile Elongation	ISO 527-1	%	40	40	30	20	30
Flexural Strength	ISO 178	MPa	50	59	60	45	64
Flexural Modulus	ISO 178	MPa	2070	2270	2390	2020	2570
Charpy Impact Strength	ISO 179	KJ/m <sup>2</sup>	13	13	13	12	11
Heat Deflection Temperature	ISO 75	°C	78	79	80	79	80
Flammability	UL - 94		HB	HB	HB	--	HB
Remark			Extrusion	High Modulus	Injection	High Flow	High Modulus

- Data in this catalogue shows sample figures measured under certain specific condition.
- Usage of the products in catalogue does not warrant any successful results of application of the products for specific usage.
- Please consult us before products are intended for the use of medical equipment and/or medical product applications.
- Please verify whether the grade of products will meet the requirement of applicable laws and ordinances for food utensils, cookware or packaging application.
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