



HIGH IMPACT POLYSTYRENE PORENE HI630

Producer: IRPC Public Company Limited (IRPC) / Thailand

Description: Injection molding.

Applications: Electrical appliances, household product, toy, sanitary wares ets.

PROPERTIES	TEST METHOD	TEST CONDITION	UNIT	VALUE
Melt flow index	D-1238	200°C,5 kg	g/10min	6.5
Izod notched impact strength	D-256	1/4 ^H at 23°C	kg - cm/cm	9.0
Tensile strength	D-638	at 23°C	kg/cm ²	260
Flexural strength	D-790	at 23°C	kg/cm ²	460
Flexural modulus	D-790	at 23°C	x10 ⁴ kg/cm ²	2.40
Vicat softening temperature	D-1525	1/8 ^H at 1 kg	°C	95
Gloss	D-523	60	-	98

Processing temperature: 190 - 240°C