

ภาคผนวก จ

ข้อมูลคุณสมบัติของพลาสติกชนิด Polypropylene(PP)

ตาราง ผจ.1 ข้อมูลคุณสมบัติของพลาสติกชนิด Polypropylene(PP) จาก บ. ไออาร์พีซี จำกัด (มหาชน)

1100NK



POLYPROPYLENE HOMOPOLYMER

CHARACTERISTICS : HIGH FLOW

APPLICATIONS : FOR INJECTION MOLDING

GENERAL PURPOSE : HOUSEWARES, CLOSURES, FOOD CONTAINERS

PROCESSING TEMPERATURE : 190 - 240°C

* MEET THE F.D.A. REQUIREMENT IN THE CODE OF FEDERAL REGULATIONS IN 21 CFR 177.1520 FOR FOOD CONTACT

TYPICAL DATA			
PROPERTIES	UNIT	VALUE	TEST METHOD
MELT FLOW INDEX (2.16 kg/230 °C)	g/10min	11	ASTM D 1238
TENSILE STRENGTH AT YIELD	N/mm ²	36	ASTM D 638
ELONGATION AT YIELD	%	26	ASTM D 638
CHARPY NOTCHED IMPACT STRENGTH (AT 23 °C)	kJ/mm ²	2.9	DIN 53453
FLEXURAL MODULUS (1% SECANT)	MPa	1590	ASTM D790
ROCKWELL HARDNESS	R-Scale	107	ASTM D785
HEAT DISTORTION TEMPERATURE (LOAD 0.45 N/mm ²)	°C	110	ASTM D 648

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REMARK : THE VALUES PRESENTED ON THE ABOVE ARE TYPICAL LABORATORY AVERAGE, NOT TO BE CONSIDERED AS SPECIFICATIONS AND MAY VARY WITHIN MODERATE RANGES. THE APPLICABILITY OR THE ACCURACY OF THIS INFORMATION OR THE SUITABILITY OF OUR PRODUCTS CANNOT BE GUARANTEED BECAUSE THE CONDITIONS OF USE ON THE PART OF OUR USERS ARE BEYOND OUR CONTROL.

