

## APARPRENE TPE 065 AN

### Technical Data Sheet

FEATURES			PROCESS	COMPATIBILITY
UV Stabilized	High flow	Color: Natural /Colorable	Injection/Extrusion	PP
PROPERTIES		UNITS	STANDARDS	AVERAGE VALUES
Hardness Shore A		Nos.	ASTMD 2240	65 ± 5
Density		g/cc	ISO 1183	1.080
Tensile strength at break		N/mm <sup>2</sup>	ISO 37	7.0
Elongation at break		%	ISO 37	700
Tear strength		kN/m	ISO 34	32
Modulus at 100% Elongation		N/mm <sup>2</sup>	ISO 37	1.92

### GUIDELINES FOR INJECTION MOULDING

Drying		Recommended for drying at 70 to 80 ° C for one hour for better results
Barrel temperature °C	Feed Zone	150 +/- 10
	Transition	170 +/- 10
	Front	180 +/- 10
	Nozzle	190 +/- 10
Melt temperature °C		190 +/- 10
Back Pressure (bar)		10 +/- 5
Injection Speed (mm/s)		70 +/- 10 % max
Holding Pressure (bar)		30 +/- 10 % of Max injection Pressure
Mold Temperature °C		40 +/- 20
Hot runner °C		190 +/- 10

### GUIDELINES FOR EXTRUSION

Drying		Recommended for drying at 70 to 80 ° C for one hour for better results
Barrel temperature °C	Feed Zone	150 +/- 10
	Zone 1	170 +/- 10
	Zone 2	180 +/- 10
	Adaptator/Die	190 +/- 10
Melt temperature °C		190 +/- 10

### HEALTH AND ENVIRONMENTAL INFORMATION/HANDLING PRECAUTIONS

Please refer to material safety data sheets ( MSDS ) and contact the sales representative or Distributor of Apar Industries Ltd

Limited warranty information and Disclaimer: The information contained in this technical data sheet is offered in good faith and is believed to be accurate hence should be used as reference only. The data sheet values are measured on standard specific specimen and are only indicative values. For actual use, please use measured actual data on specific grade. This is a general information and Apar Ind. Ltd. does not bear any direct or indirect responsibility on use of this information in any form.