

# PP/PE-R Regenerated Sheet - Technical Data Sheet



the people for plastics

1. Physical Properties				
	Unit		ISO	Value
Density		g/cc	1183	0.91-0.93
Melt Flow (230°C/2.16kg)		g/10min	1133	0.3-0.7

2. Mechanical Properties				
	Unit		ISO	Value
Izod Impact, notched,	Kj/m <sup>2</sup>	23 °C	180A	41-47
		20 °C	180A	5-7
Strength at yield	MPa	50mm/min.	527/2	22-24
Tensile Modulus	MPa		527/2	1200-1300
Flexular Modulus	MPa		178	1150-1300
Shore D hardness			868	63-65

3. Thermal Properties				
	Unit		ISO	Value
VST@10N (VST/A)	°C		306/A	150
HDT@0.45MPa	°C		75/B	85-90

4. Flammability Rating <sup>†</sup>				
	Unit		ISO	Value
Horizontal burn (Internal test)	1.5mm		UL94	HB
	3mm		UL94	HB
Typical forming temp.	°C			165-195

All data quoted on this data sheet is for guidance only.

<sup>†</sup>Internal test data only which is not intended to reflect hazards presented by materials under actual fire conditions.