

Characteristic	Description		
Product Name	PP / SELF-COLOURED / PELLET / DEODORISED		
Product Reference	rPP-VPR / 002		
Customer		Customer Product Code	
Order Number		Delivery Number	
Production date		Delivery date	
Batch Number	B1004A3111	Manufacturing Location	Avonmouth, UK
Packaging list	Please see separate packing list		
Applications	The material is suitable for a wide range of processes including injection, blow moulding and extrusion. This material is not intended for food contact applications.		

Technical Properties (*)	Result	Range	Unit	Test Method
Density non annealed	917	913-930	kg/m ³	ISO 1183
Bulk Density	518	450-700	kg/m ³	ASTM-D1895-17
Melt Flow Index (2.16 kg @ 230 °C)	16.8	13-20	g/10 min	ISO 1133
Volatile Measurement (Limonene)	TBC	<20	ppm	GC - MS
Moisture	0.09	<0.5	Weight %	Thermogravimetric Analysis

Properties (**)	Result	Range	Unit	Test Method
Tensile strength	23	21-25	MPa	ISO 527
Elongation at break	17	13-21	°C	ISO 527
Young Modulus	1380	1300-1600	Pa	ISO 527
Charpy Impact Strength	5	4.5-5.7	(kJ/m ²)	ISO 179
Flex Strength 23 °C	38	30-40	MPa	ISO 178
Melting Temperature	175	163-166	°C	ISO 11357
Crystallinity 10 °C / min	43	>30	%	ISO 11357

All properties marked (**) will be tested periodically and results will be updated every 6 months.

Analyst	Name	Signature	Date
	Iwan Phillips		
Checked By	Name	Signature	Date
	Alexa Smith		

Please contact Viridor for further enquiries.
polymers@viridor.co.uk
 +44 (0)1732 229 200
www.viridor.co.uk

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