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RANGE OF
22 COLOURS



MADE IN
THE UK



BS EN 1177
CRITICAL FALL HEIGHT



WORLDWIDE
DISTRIBUTION



UNRIVALLED
UV STABILITY



9001:2015
CERTIFIED



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Rosehill Sports & Play is a division of Rosehill Polymers Group Limited // Registered in England No. 06303883

ROSEHILL TPV®

Unrivalled UV Resistance



Rosehill Sports & Play

Exposure to artificial weathering – UVA

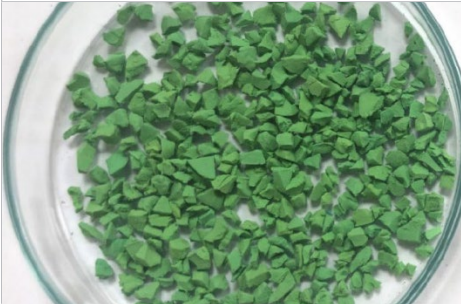
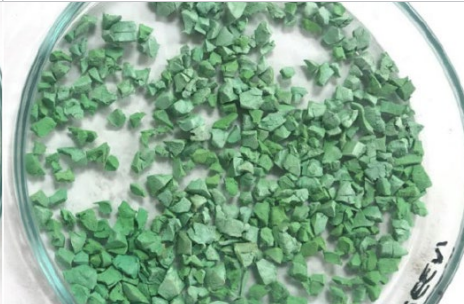
To test the colour fastness of Rosehill TPV® compared to a range of EPDM rubber granules, their performance was tested under the conditions they face in real life using an accelerated weathering test programme (EN 14836: 2018). The granules’ resistance to colour fading was then measured using grey scale testing, to visually assess and compare the loss of colour (EN 20105-A02: 1995). The grey scale results range from 5 - no colour change at all to 1 – maximum change in colour.

Rosehill TPV® is recognised globally for its unrivalled UV resistance, outlasting the best EPDM alternatives, even in the harshest environments. The combination of peroxide vulcanization and the addition of high levels of superior quality pigments and stabilizers ensures that Rosehill TPV® does not degrade in extreme UV weather conditions, unlike EPDM which can chalk (whiten) more quickly and embrittle. Independent testing using international standard test methods shows that Rosehill TPV® will last longer than EPDM.

Rosehill TPV® RH10 – Standard Green

Characteristic	Units	Test Method	Results	
			UVA (340nm) 4896 kJ ageing	UVA (340nm) 9600 kJ ageing
Colour change (Greyscale)	-	EN 20105-A02 *	5	5
Visual change in composition	-	-	No Change	No Change
Pre-Exposure		UVA (340nm) 4896 kJ Exposure*		UVA (340nm) 9600 kJ Exposure*
				

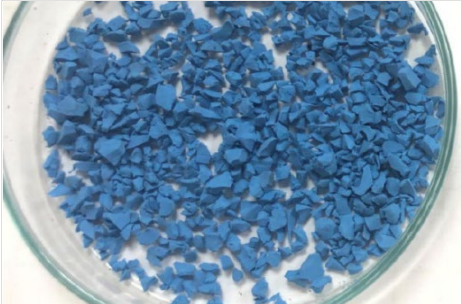
“Premium” European Green EPDM

Characteristic	Units	Test Method	Results	
			UVA (340nm) 4896 kJ ageing	UVA (340nm) 9600 kJ ageing
Colour change (Greyscale)	-	EN 20105-A02 *	3-4	3-4
Visual change in composition	-	-	Discolouration noted	Discolouration noted
Pre-Exposure		UVA (340nm) 4896 kJ Exposure*		UVA (340nm) 9600 kJ Exposure*
				

Rosehill TPV® RH20 – Standard Blue

Characteristic	Units	Test Method	Results	
			UVA (340nm) 4896 kJ ageing	UVA (340nm) 9600 kJ ageing
Colour change (Greyscale)	-	EN 20105-A02 *	5	5
Visual change in composition	-	-	No Change	No Change
Pre-Exposure		UVA (340nm) 4896 kJ Exposure*		UVA (340nm) 9600 kJ Exposure*
				

“Premium” European Blue EPDM

Characteristic	Units	Test Method	Results	
			UVA (340nm) 4896 kJ ageing	UVA (340nm) 9600 kJ ageing
Colour change (Greyscale)	-	EN 20105-A02 *	3-4	3
Visual change in composition	-	-	Discolouration noted	Discolouration noted
Pre-Exposure		UVA (340nm) 4896 kJ Exposure*		UVA (340nm) 9600 kJ Exposure*
				

Asian Blue EPDM

Characteristic	Units	Test Method	Results	
			UVA (340nm) 4896 kJ ageing	UVA (340nm) 9600 kJ ageing
Colour change (Greyscale)	-	EN 20105-A02 *	2	2
Visual change in composition	-	-	Significant discolouration noted	Significant discolouration noted
Pre-Exposure		UVA (340nm) 4896 kJ Exposure*		UVA (340nm) 9600 kJ Exposure*
		