

FARAPRENE™ R-SERIES



Primex Color, Compounding & Additives (PCCA) is recognized in the plastics industry for our Faraprene™ series thermoplastic elastomers (TPE/TPV/TPO). Decades of research and engineering have made the Faraprene product line unparalleled for durability, flexibility and critical physical properties.

Our dedicated team of engineers have helped PCCA to become the leader in developing bio-friendly solutions to meet the ever-changing sustainability needs of our customers. Our newest product offering, Faraprene™ R-Series specialty Post-Consumer-Recycled TPE is no exception to the high quality products that the world has come to expect from the Primex family of companies.

Applications Include:

- Personal Care
- Lawn and Garden
- Automotive
- Footwear
- Housewares
- Electronics
- Office Supplies
- and more!



FARAPRENE™ R-SERIES TECHNICAL DATA

Description	FARAPRENE	FARAPRENE	FARAPRENE
	R100-35A BK	R100-40A BK	R100-45A BK
Item #	2953114C	2953115C	2953116C
Recycle Content (%) =	4%	5%	7%
Color =	Black	Black	Black
Specific Gravity =	ASTM D792 1.16	1.16	1.16
Melt Flow Rate (230°C @ 2.16 Kg) =	ASTM D1238 5.4	10.0	16.8
Hardness (10sec) Shore A =	ASTM D2240 35	40	46
Tensile Stress @Break (psi) =	ASTM D412 572	623	768
Elongation @Break (%) =	ASTM D412 999	999	999
100 % Tensile Modulus (psi) =	ASTM D412 90	109	178
Tear Strength (lb/in) =	ASTM D624 103	107	120

Description	FARAPRENE	FARAPRENE	FARAPRENE	FARAPRENE
	R100-55A BK	R100-65A BK	R100-75A BK	R100-95A BK
Item #	2953117C	2953118C	2953119C	2953120C
Recycle Content (%) =	10%	13%	17%	33%
Color =	Black	Black	Black	Black
Specific Gravity =	ASTM D792 1.16	1.15	1.15	1.15
Melt Flow Rate (230°C @ 2.16 Kg) =	ASTM D1238 32.3	1.7	3.5	11.7
Hardness (10sec) Shore A =	ASTM D2240 55	65	77	97
Tensile Stress @Break (psi) =	ASTM D412 865	1033	1031	1119
Elongation @Break (%) =	ASTM D412 993	939	721	368
100 % Tensile Modulus (psi) =	ASTM D412 196	270	369	805
Tear Strength (lb/in) =	ASTM D624 127	143	163	235



Contact your Primex representative today to learn more.

