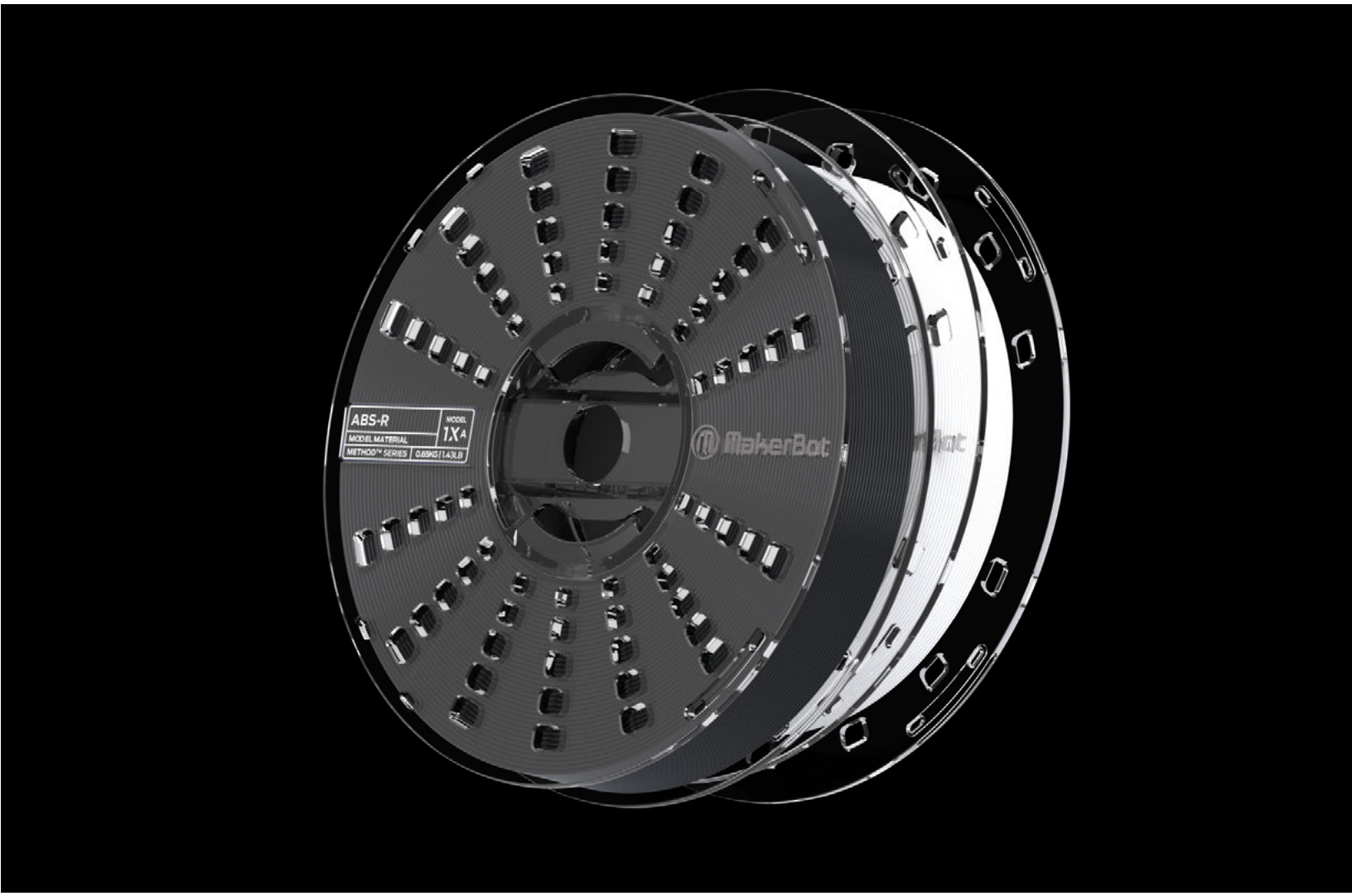

MAKERBOT

ABS-R + RAPIDRINSE™

RELIABLE ABS AND FAST DISSOLVING SUPPORT MATERIAL

Print dimensionally accurate ABS parts with the ease of PLA. Print your parts with confidence in ABS-R and RapidRinse™, drop your part into tap water, and watch the supports dissolve to nothing in just minutes.

COMPATIBLE WITH METHOD X | METHOD X CARBON FIBER EDITION

MAKERBOT RAPIDRINSE™

ABS, FINALLY AS EASY AS PLA

ABS is one of the most in-demand yet difficult materials to 3D print. METHOD X patented VECT™ 110 technology combined with proprietary RapidRinse™ support delivers incomparable ABS parts with unprecedented ease.

TAP WATER SOLUBLE

Forget the cumbersome wash tanks and chemicals - RapidRinse™ dissolves in pure tap water so it's easy to use in just about any environment.

DISSOLVES IN MINUTES

You don't have time to wait around while your print dissolves, so we've engineered RapidRinse™ to dissolve faster than PVA and competitive high-temp dissolvable support materials. There's really nothing that comes close.

ABS-R

ABS-R is a new ABS formulation that provides superior printing reliability and performance with a 98% jam reduction for consistent, repeatable ABS prototypes, tools, and parts.

PROPERTIES	Test	ABS-R
Tensile Strength (MPa)	ASTM D648	41
Tensile Modulus (MPa)	ASTM D648	2400
Strain at Yield (%)	ASTM D648	2.3
Strain at Break (%)	ASTM D648	33.4
Flexural Strength (MPa)	ASTM D790	79
Flexural Modulus (MPa)	ASTM D790	2600
Izod Notched Impact Strength (J/m)	ASTM D256	129 – C/H
Izod Unotched Impact Strength (J/m)	ASTM D256	970 - C
Heat Deflection Temperature – 64 psi (C)	ASTM 648	105
Heat Deflection Temperature – 264 psi (C)	ASTM 648	102

METHOD X

INDUSTRIAL 3D PRINTING MADE ACCESSIBLE

Print manufacturing tools and production parts to spec with real manufacturing grade materials

Learn more at makerbot.com/methodx

