ReForm rApollo

ReForm rApollo is likely to be the most sustainable ASA-based filament on the market.
There are no virgin fossil- or virgin natural resources used to make this engineering filament. The formulation of ReForm rApollo is exactly the same as for our ApolloX. One of the most used ASA-based filaments is now available as a more sustainable option. ReFom rApollo is UV and weather resistant and combines strength with heat resistance. It prints with high accuracy and fine detail.

ApolloX profiles are available on the Ultimaker Marketplace. ApolloX is an approved and validated partner material. ReForm rApollo prints with the exact same profile as ApolloX.

Properties	Typical value	Test Method	Test condition
Physical			
Specific gravity	1.11 g/cc	ISO 1183	-
Melt flow rate	45 g/10min	ISO 1133	260° C/5Kg
Water absorption	-	-	-
Moisture absorption	-	-	-
Mechanical			
Impact strength	18 KJ/m²	ISO 179	Charpy Notched @23° C (73° F)
Tensile strength	47.5 Mpa	ISO 527	@Yield 50mm/min (2 inch/min)
Tensile modulus	2020 Mpa	ISO 527	1mm/min
Elongation at break	15%	ISO 527	@ Break 50mm/min (2 inch/min)
Flexural strength	-	-	-
Flexural modulus	-	-	-
Hardness	-	-	-
Thermal			
Print temperature	± 235 - 255° C	-	-
Melting termperature	± 230 ± 10° C	ISO 294	-
Viscat softening temp.	± 98° C	ISO 306	VST/A/50 (50° C/h, 10N)
Optical			
Haze	-	-	-
Transmittance	-	-	-
Gloss	-	-	-

Product details, certifications and compliance	
HS Code	39169090
REACH compliant	Yes
RoHS certified	Yes

Diameter	Tolerance	Roundness
1.75mm	± 0.05mm	≥ 95%
2.85mm	± 0.10mm	≥ 95%