

HIGH PERFORMANCE POLYMERS

RADILON® AESTUS

Product based on Polyphthalamide (PPA). High Performance PPA compounds, featuring exceptional thermal and chemical resistance, as well as dimensional stability and low sensibility to moisture absorption. PPA exhibits excellent stiffness, strength and resistance to creep, fatigue and hydrolysis.



MATERIAL	COLOUR	BRIEF DESCRIPTION	APPLICATIVE DESCRIPTION
RADILON® AESTUS T1 RV300FC	306K BK	PPA injection moulding grade 30% glass fiber reinforced with high glass transition temperature and high melting point. Black colour.	Suitable for parts requiring high stiffness and strength. Appropriate for foodstuff contact, especially for kitchen tools.
RADILON® AESTUS T1 RV330RG	3900 BK	PPA injection moulding grade 33% glass fiber reinforced with high glass transition temperature and high melting point. Black colour.	Suitable for parts requiring high stiffness and strength. High resistance to hot water and automotive cooling circuit liquids.
RADILON® AESTUS T1 RV400RKC	306 BK	PPA injection moulding grade 40% glass fiber reinforced with high glass transition temperature and high melting point. Black colour.	Suitable for parts requiring high stiffness and strength. High resistance to hot water contact, suitable for drinking water contact.
RADILON® AESTUS T1 RV400FC	106K NT	PPA injection moulding grade 40% glass fiber reinforced with high glass transition temperature and high melting point. Natural colour.	Suitable for parts requiring high stiffness and strength. Appropriate for foodstuff contact, especially for kitchen tools.
RADILON® AESTUS T2 ERV300W	333 BK	PPA injection moulding grade 30% glass fiber reinforced with high melting point. Improved impact strength. Black colour.	Suitable for parts requiring improved impact strength along with high stiffness and mechanical reinforcement. Particular fit for items in contact with alcoholated fuels.
RADILON® AESTUS T2 RV350W	333 BK	PPA injection moulding grade 35% glass fiber reinforced with high melting point. Heat stabilized. Black colour.	Suitable for parts requiring high stiffness and strength, intended to work at high temperatures.
RADIFLAM® AESTUS T2 RV300 HF	333 BK	PPA flame retardant injection moulding grade, 30% glass fiber reinforced. Halogen and phosphorus free. High melting point. Black colour.	Suitable for parts requiring fire retardancy along with high stiffness and good mechanical resistance. Suitable for Lead Free Soldering application. Rated V0 according to UL94.





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