



RadiciGroup compounds based on PPA

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	Brief Description	Applicative Description
RADILON® AESTUS T1 RV300FC	PPA injection moulding grade, 30% glass fiber reinforced with high glass transition temperature and high melting point.	Suitable for parts requiring high stiffness and strength. Appropriate for foodstuff contact, especially for kitchen tools.
RADILON® AESTUS T1 RV330RG	PPA injection moulding grade, 33% glass fiber reinforced with high glass transition temperature and high melting point.	Suitable for parts requiring high stiffness and strength. High resistance to hot water and automotive cooling circuit liquids.
RADILON® AESTUS T1 RV450RKC	PPA injection moulding grade, 45% glass fiber reinforced with high glass transition temperature and high melting point.	Suitable for parts requiring very high stiffness and strength. High resistance to hot water contact, suitable for drinking water contact.
RADILON® AESTUS T1 RV450W 3040 BK	PPA injection moulding grade, 45% glass fiber reinforced with high glass transition temperature and high melting point.	Suitable for parts requiring very high stiffness and strength even at low temperature. Most frequent use in the automotive sector.
RADILON® AESTUS T2 ERV300W	PPA injection moulding grade, 30% glass fiber reinforced improved impact strength.	Suitable for parts requiring improved impact strength along with good stiffness. Appropriate for contact with alcoholated fuels.
RADILON® AESTUS T2 RV350W	PPA injection moulding grade, 35% glass fiber reinforced. Heat stabilized.	Suitable for parts requiring high stiffness and strength. Appropriate for high temperatures exposure.
RADILON® AESTUS T1 RV330W	PPA injection moulding grade, 33% glass fiber reinforced with high glass transition temperature and high melting point. Heat stabilized.	Suitable for parts requiring high stiffness and strength. High resistance to chemicals and hot air environment.
RADIFLAM® AESTUS T2 RV300 HF	PPA flame retardant injection moulding grade, 30% glass fiber reinforced. Halogen and phosphorus free.	Suitable for parts requiring fire retardancy along with high stiffness and good mechanical resistance. Suitable for lead free soldering applications. Rated V0 according to UL94.