

THERMOLAST® K TF5WHA (Series: DW/H)

KRAIBURG TPE - Thermoplastic Elastomer

General Information

Product Description

The DW/H series is your material solution for hoses, jet former and other applications in contact with drinking water. The compounds are approved according to important European drinking water standards. They are translucent and are available in many different colors on request.

Typical applications

- Shower hoses
- Hoses for household appliances
- Jet former
- Grip applications
- Soft touch
- Seals, functional and design elements in sanitary sector

Material advantages

- Low kinking tendency
- Optimized mechanical properties
- Adhesion to PP
- Alternative material to PVC-P
- Surface with low sensitivity to dirt
- Plasticizer free
- Resistance to microbes
- Precoloration in all colors

Regulations / Approvals

- Regulation (EU) No 10/2011
- DVGW Arbeitsblatt W270
- KTW
- ACS (DGS/VS4 n° 200/232)
- WRAS: BS6920-1:2000 and/or 2014 cold water (23 °C)
- WRAS: BS6920-1:2000 and/or 2014 warm water (60 °C)

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Adhesion	• Kink Resistant	• Microbe Resistant
Uses	• Flexible Grips • Hose	• Non-specific Food Applications • Seals	• Soft Touch Applications
Agency Ratings	• DVGW W270 • EU 10/2011	• KTW • WRCA BS 6920	
Appearance	• Translucent		
Processing Method	• Extrusion	• Injection Molding	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ² (Break)	2180	psi	ISO 37
Tensile Elongation ² (Break)	750	%	ISO 37
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	55		ISO 48-4

