

MULTIFLEX™ TES A6012 EVO BLACK GAX GEN2
MULTIFLEX™ is a Thermoplastic Elastomer based Styrenic

TECHNICAL DATA SHEET STATUS	Industrial		
FEATURES	Aesthetics	UV stabilized	Very high flow Color:Black
PROCESS	Injection	COMPATIBILITY	PP/PE
PROPERTIES	UNITS	STANDARDS	AVERAGE VALUES
Hardness	Sh.A	ISO 868	64
Density	g/cm ³	ISO 1183/A	0.99
Spiral flow condition D	cm	MDA 179	43
Tensile strength at 100% elongation cross direction	Mpa	ISO 37 type1 v=500mm/min	2
Tensile strength at break cross direction	Mpa	ISO 37 type1 v=500mm/min	8.6
Elongation at break cross direction	%	ISO 37 type1 v=500mm/min	800
Tear strength cross direction	kN/m	ISO 34	31
Compression set 24h/23°C without annealing	%	MDA 129	24

GUIDELINES FOR INJECTION MOULDING		
Drying	NOT needed	
Barrel temperature °C	Feed Zone	150 +/- 10
	Transition	170 +/- 10
	Front	190 +/- 10
	Nozzle	200 +/- 10
Melt temperature °C	200 +/- 10	
Back Pressure bars	10 +/- 5	
Injection Speed	70 +/- 10 % max	
Holding Pressure	30 +/- 10 % of Max injection Pressure	
Mold Temperature °C	40 +/- 20	
Hot runner °C	180 +/- 10	

LIMITATIONS	This product is neither tested nor represented as suitable for medical or pharmaceutical uses.
HEALTH AND ENVIRONMENTAL INFORMATION/HANDLING PRECAUTIONS	Product safety information required for safe use is not included. Before handling, read product and safety data sheets and container labels for safe use. You can obtain the safety data sheets from your local Multibase sales representative or Distributor

LIMITED WARRANTY INFORMATION - PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Multibase's products are safe, effective, and fully satisfactory for intended end use. **MULTIBASE SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. MULTIBASE DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

Multiflex™ est une marque déposée de Multibase

*The MDA (Méthode d'Analyse) named in this document are issued from the ISO Standards

Drawing up date : 2019/02

Revision Index : 2

MPR-M2-10-PACK TECHNIQUE version 5/08/10