



## PRODUCT SPECIFICATION

ECOSOLUTION MV - 50 ML

03/05/2018

Bottle : VEGA 50 ML  
Pump: ECOPUMP MV  
LONG AND SHORT ACTUATOR  
FOOD GRADE

PRODUCT SPECIFICATION RAW MATERIAL							
NOMENCLATURE	DRAWING N°	MATERIAL	COLOR	MISCELLANEOUS			
AIRFREE 50 ML BOTTLE	WEB 10-035	PP/EVOH	NATURAL OR WHITE	Coextrusion			
PUMP PART SYSTEM							
ECOSOLUTION MV WITH SHORT ACTUATOR AND OVERCAP	WEB 13-080	PP/ULDPE/TALC/SLIP AGENT	WHITE & NATURAL	bi-injection + assembly			
ECOSOLUTION MV WITH LONG ACTUATOR	WEB 13-117	PP/ULDPE/TALC/SLIP AGENT	WHITE & NATURAL	bi-injection + assembly			
PRODUCT PACKING SPECIFICATION							
	MATERIAL	PALLET SIZE	BOX SIZE ( L*H )	QUANTITY PER BOX	BOX PER PALLET	NUMBER OF PARTS PER PALLET	WEIGHT PER BOX( KG )
AIRLESS VEGA BOTTLE 50 ML	IN BULK	800 x 1200 x 1700	600*500*400	420	28	11 760	4,7
ECOSOLUTION MV WITH SHORT ACTUATOR AND OVERCAP	IN BULK	800 x 1200 x 1700	600*250*400	600	28	16 800	7
ECOSOLUTION MV WITH LONG ACTUATOR	IN BULK	800 x 1200 x 1700	600*250*400	792	28	22 176	7
PACKAGING PERFORMANCES							
CONTROL TESTS LIST	VALUES	METHODS					
RANGE OF VISCOSITY ACCEPTABLE	to be checked for each project	Depending on measurement done by RPC					
PRIMING	MAX 10 STROKES	Depending on cream viscosity					
AVERAGE DOSE	1,4 ml	Depending on cream viscosity					
DOSAGE ACCURACY	Plus / minus 20% of the nominal	INDICATIVE OUTPUT ONLY AS MANUALLY DONE BY OPERATOR Average on 10 actuations, done after 5 first distributed dosages Actuation frequency = 10 strokes /min					
EVACUATION RATE	> 90%						
WEIGHT LOSS	< 2%	After 8 weeks at 45 ° C					
DIMENSIONAL	refer TO DRAWING						
APPEARANCE	refer TO RANGE BOARD						
ACTUATION FORCE	10-13 Newton	Depending on cream viscosity - Vertical speed of 600 mm/min at 70% of the total stroke of the pump					
LEAKPROOFNESS	NO LEAKAGE WITH BULK	Pump primed : - 300 mbars , 5 mn					
SNAPPING FORCE	MIN : 35 kgf – MAX 50 kgf	Measured at 100 mm / min					
RETENTION FORCE OF PUMP on BOTTLE	Min 120 N	Dynamometer - 165 mm/min					
DROP TESTS RESISTANCE	functioning after drop test	Done at H 0,8 M					
PACKAGING FILLING							
FILLING SPECIFICATION :	Drawing 11-139	ACCORDING TO DRAWING					
SNAPPING HEAD LONG ACTUATOR	WEB 11-018	ACCORDING TO DRAWING					
WARRANTY							
<p>This packaging performs according to these specifications, as long as filling and assembling are done according to RPC filling specifications</p> <p>These performances do not take into account any chemical compatibility with customer formulations</p> <p>Our pack are guaranteed during <b>1 year starting delivery day</b> (considering : normal conditions of storage, temperature and moisture .)</p>							