






GB

Tools Needed

	<p>Clean cloth Alcohol Paper tape</p>	<p>Drill machine Drill ø3,5 mm Screwdriver</p>
--	---	--

Placement instructions (For this job needed 2 people)

	<p>Before starting the placement trying to match the spoiler on the car to find the correct position. Clean the car surface with cleaner.</p>
	<p>We apply the diffuser with the double-sides tape.</p>
	<p>Attach the screws to their contact points. Always make holes on the spoiler and not on the bumper. Start screwing the bolts, holding the spoiler on the right place.</p>
	<p>If silicone is used, we use paper tape of 24h on the spoiler on the bumper as tight is possible.</p>

ATTENTION: On car use after the installation



For any queries or problem, you may encounter please contact us at Tel (0030) 210-5596682-3 or info@motordromedesign.com



REAR DIFFUSER

GB

PAIN AND PLACEMENT INSTRUCTIONS

MATERIAL SPECIFICATION

Lustran ABS E401

Extrusion grades / General purpose grades
ISO Shortname

Extrusion grade, very high impact resistance, high gloss surfaces
ISO 2580-ABS 1,EG,095-04-35-20



Property	Test condition	Unit	Standard	Value	
Pherological properties					
C	Melt volume-flow rate	220° C, 10 Kg	cm ³ /(10min)	ISO 1133	0.5 – 0.8
C	Molding shrinkage, parallel	60X60X2	%	ISO 294-4	0.5 – 0.8
C	Molding shrinkage, normal	60X60X2	%	ISO 294-4	
Mechanical properties (23° C/50 % r.h.)					
C	Tensile modulus	1 mm/min	MPa	ISO 527-1,-2	1900
C	Yield stress	50 mm/min	MPa	ISO 527-1,-2	40
C	Yield strain	50 mm/min	%	ISO 527-1,-2	2.5
C	Strain at break	50 mm/min	%	Acc. ISO 527-1,-2	> 15
C	Charpy impact strength	23° C	kJ/m ²	ISO 179-1eU	210
C	Charpy impact strength	-30° C	kJ/m ²	ISO 179-1eU	170
C	Charpy notched impact strength	23° C	kJ/m ²	ISO 179-1eA	30
C	Charpy notched impact strength	-30° C	kJ/m ²	ISO 179-1eA	16
C	Izod notched impact strength	23° C	kJ/m ²	ISO 180-1A	30
C	Izod notched impact strength	-30° C	kJ/m ²	ISO 180-1A	19
C	Flexular modulus	2 mm/min	MPa	ISO 178	1900
C	Flexular strength	2 mm/min	MPa	ISO 178	60
C	Ball indentation hardness		N/mm	ISO 2039-1	85
Thermal properties					
C	Temperature of deflection under load	1.80 MPa	° C	ISO 75-1,-2	94
C	Temperature of deflection under load	0.45 MPa	° C	ISO 75-1,-2	100
C	Vicat softening temperature	50 N: 50° C/h	° C	ISO 306	99
C	Coefficient of linear thermal expansion, parallel	23 to 55° C	10 ⁻⁴ /K	ISO 11359-1,-2	0.9
C	Burning behaviour UL 94 (1.6 mm)	1.6 mm	Class	UL 94	HB
C	Burning rate (US-FMVSS)	2.0 mm	mm/min	ISO 3795	55
C	Glow wire test (GWFI)	2.0 mm	° C	IEC 60695-2-12	700

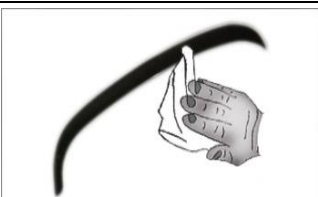
EDITION 16.09.2004

Lustran ABS/
Novodur®
ISO datasheet

Package contents

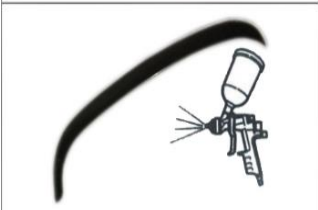
- 1 x Diffuser
- 4 x Screws 4,2X19
- 1 x Silicone

PROCESS FOR PAINTING



STAGE 1: STOCK

Stucco with soft putty any small graze or spots



STAGE 2: RUBBING

Rubbing all plastic surface with sandpaper 500 dry friction

STAGE 3: PRIMER PREPARATION

Give a good clean and paint with plast-flex depending on the color company you co operate. (Communicate with your supplier about the painting process for ABS plastic parts))

STAGE4: FINAL PAINTING

Give a final good clean and paint with finishing acrylic paint



ATTENTION
(PAINTING TEMPERATURE SHOULD NOT EXCEED 40° C)